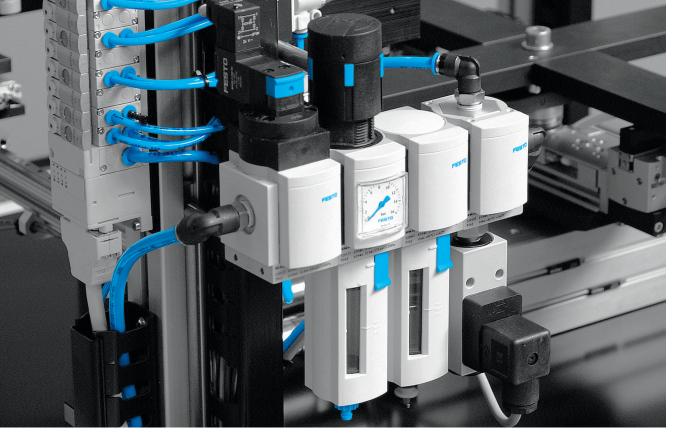
### **MS Series** Quick Order Guide

## **FESTO**





You want reduced complexity. You require easy running processes. We are your route to simplicity.

# → WE ARE THE ENGINEERS OF PRODUCTIVITY.

Your objective: Perfect compressed air preparation Our solution: Freely combinable function modules

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#### **MS Series**

Overview

#### Modular, high flow and energy efficient

The MS Series Quick Order Guide is intended to help you select products which are stocked or assembled in our North American production facility, providing the best possible lead times.

All of the configuration options in this document are assembled in the North American production facility. All of the material numbers of the most common individual components in this document are stocked in the North American production facility.

This document contains:

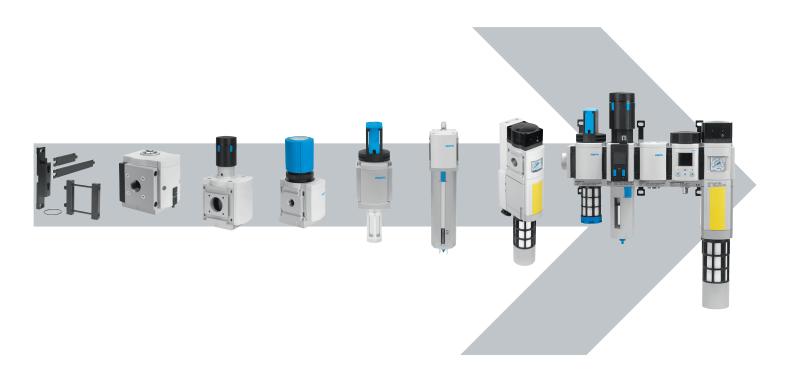
- MS4 and MS6 sizes only
- Pressure Regulators (LR)
- Filter Regulators (LFR)

- Standard Filters, 40 and 5 micron (LF)
- Fine and Micro Filters, 1 and 0.01 micron (LFM)
- Service Unit Combinations (MSB)

With its large product range, highly functional components and a wide choice of services, the MS Series offers a complete concept for compressed air preparation.

Access the complete range of MS Series components and assemblies on the Festo website.

→ www.festo.us/ms



#### **Order options**







- ★ Core product range
- **F** FAST™ program product range

<b>Mandatory Dat</b>	ta											Option	al Data
Module No.	Seri	es	Size	Thread	Funct	ion	Con	nection size		ressure r peration		Pressu alterna	re gauge tives
527690 (metric 527663 (metric 527691 (NPT) 527644 (NPT) Order example	e)		4 6	N	LR		AGA AGC	, 1/4, 3/8, 1/2, ,, AGB, ,, AGD, AGE, AQK, AQI , AQSR	D	5 6 D7		VS, A8, A4, RG, AD1, AD2, AD3, A DM1, DM2	
527691	MS		4	N	LR		AGE	3		16		AD3	
Components Components Components	ommon in N	orth Am	nerican Pro	duction Facility				1					_
				MS4	1				MS6			Code	Enter code
Module No.		527	7690 (metr	ic)	5276	91 (NPT)	MC	527663 (metric)	527	'644 (NP	Τ)	MC	MC
Series Size		4			4		MS	6	6			MS 4 or 6	MS
Thread		ISC	)-G		NPT			ISO-G	NP.	Γ		N	
Function			ssure regu	lator				1				-LR	-LR
Connection size	e		read G1/8		1/8 N							-1/8	
		Thr	read G1/4		1/4 N	IPI		Thread G1/4		NPT NPT		-1/4	
								Thread G3/8 Thread G1/2		NPT		-3/8 -1/2	
			nnecting pl					_				-1/2 -AGA	
		Cor	nnecting pl	ate G1/4				Connecting plate G				-AGB	
		Cor	nnecting pl	ate G3/8				Connecting plate G				-AGC	
		_						Connecting plate G Connecting plate G				-AGD -AGE	
		Cor	nnecting pl	ate 1/8 NPT	1			-	<i>J</i> / <del>4</del>			-AGE	
		Cor	nnecting pl	ate 1/4 NPT				Connecting plate 1				-AQN	
		Coi	nnecting pl	ate 3/8 NPT				Connecting plate 3				-AQP	
		_						Connecting plate 1 Connecting plate 3				-AQR	
Pressure range	/oneration	0.2	4 bar		0.3	4 bar (1/4" i	JDT only)	0.3 4 bar			/2 NPT only)	-AQS -D5	
r ressure runge	, operation		7 bar		0.5	4 Dai (1/4 1	vr i Olity)	0.5 4 Dai	0.2	4 Dai (1	/ Z INF I OIIIy)	-D5	
			7 bar									-D6 -D7	
Pressure gauge	alternative		ver plate									-VS	
r ressure gauge	. atternative			for EN pressure g	gauge 1	/8, without							
			ssure gaug						_			-A8	
		Ada	apter plate	for EN pressure g	gauge 1	/4, without	pressure	gauge				-A4	
		Inte	egrated pre	essure gauge, red	-green s	scale						-RG	
				or with display, p			-	•				-AD1	
				or with display, p								-AD2	
						•		PNP, 4-pin, analogu				-AD3	
				or with display, p	lug M12	2, 1 switchi	ng output	NPN, 4-pin, analogu	e out	out 4 2	0 mA	-AD4	
Alternative pre scale	ssure gauge	psi Bai										-PSI -BAR	
Rotary knob alt	ternative			Knob (Bar Only)	_			-	1.			-BAR -DM1	
Gauge in knob				Knob (Bar Only)	-			-	-			-DM2	
Security				ccessories								-AS	
				cket with knurled	nut for	regulator h	ead					-WR	
			unting bra									-WP	
Type of mounti	ng		unting bradunting brad									-WPM -WB	
			unting bra									-WBM	
Alternative flov	v direction			from right to left								-Z	
												-2	
Components St					mak .	ا مادد د	ا ماددادا	in nanan-rui-r					
integrated pres	ssure gauge			standard rotary l						Drossu	vo voquilatio	n ranga 0	Г 12 hav
Size	Connection			ion range 0.3 4	Dar			on range 0.3 7 bar			re regulatio		.5 12 Dar
	G1 / Q	Part N	529421	Type MS4-LR-1/8-D5	۸ς	Part No.	529423	Type MS4-LR-1/8-D6-AS		Part No	529425	Type MS/LIP	1/8-D7-AS
	G1/8 G1/4	⋆ F	529421			⋆F	529423			⋆F	529425		1/4-D7-AS 1/4-D7-AS
	G1/4 G1/4	2 1	529995	· · · · · · · · · · · · · · · · · · ·			529997	· · · · · · · · · · · · · · · · · · ·		** •	529999		1/4-D7-A3 1/4-D7-AS
_	G3/8	⋆ F	530001	MS6-LR-3/8-D5		*F	530003	-		⋆ F	530005		3/8-D7-AS
_	G1/2	1	529989			-	529991	-		<u> </u>	529993		1/2-D7-AS
		, display		standard rotary k		h detent, lo			'	1			, ., .,
	Connection			ion range 4.5 6				on range 4.5 105 ps	i	Pressu	re regulatio	n range 4.	.5 180 psi
	1/4 NPT	F	531418		_	F	531422			F	531426		R-1/4-D7-AS
	1/4 NPT	_					531448	<u> </u>					R-1/4-D7-AS
MS6N	3/8 NPT		531444	MS6N-LR-3/8-D	5-AS		531450	MS6N-LR-3/8-D6-A	\S_		531456	MS6N-LF	R-3/8-D7-AS
	1/2 NPT	F	F21//2	MS6N-LR-1/2-D	ΓΛC	F	531449	MS6N-LR-1/2-D6-A	10	F	531455	MC4N I	R-1/2-D7-AS

### **Mandatory Data**

Module No.	Series	Size	Thread	Function	Connection size	Pressure regulation range	Grade of filtration	Bowl	Condensate drain
526489 (metric) 526490 (metric) 527694 (NPT) 527667 (NPT) Order example	MS	4 6	N	LFR	1/8, 1/4, 3/8, 1/2, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR, AQS	D5 D6 D7	E, C	R, U	M, H
527694	MS	4	N	LFR	AGA	D6	Е	R	M

527694	MS		4		N		LFR	AGA		D6		Е	R		M
Components Com	ımon in N	North A	merican	Prod	uction Fa	acility									
•					M	S4					MS6			Code	Enter code
Module No.		52648	39 (met	ric)			94 (NPT)		526490 (m	etric)		7667 (NPT)		couc	Litter code
Series								М						MS	MS
Size		4				4			6		6			4 or 6	1
Thread		ISO-G				_			ISO-G		_			7 01 0	
		-				NPT			-		NP.	T		N	
Function		Filter	regulato	or					·					-LFR	-LFR
Connection size		Threa	d G1/8			1/8 N	PT		-		-			-1/8	
		Threa	d G1/4			1/4 N	PT		Thread G1	/4	1/4	NPT		-1/4	
		-				-			Thread G3	/8	3/8	NPT		-3/8	
		-				-			Thread G1	/2	1/2	NPT		-1/2	_
			cting p						-					-AGA	_
			ecting p						Connecting					-AGB	
		Conne	cting p	late G	3/8				Connecting					-AGC	_
		-							Connecting					-AGD	_
		-				1			Connecting	g plate G3	3/4			-AGE	_
			cting p				ecting plate 1		-		_			-AQK	_
		Conne	ecting p	late 1,	4 NPT	Conne	ecting plate 1	L/4 NPT	Connectin	g plate 1/	4 NPT			-AQN	_
		Conne	cting p	late 3,	8 NPT	Conne	ecting plate 3	3/8 NPT	Connecting					-AQP	_
		-				-			Connecting					-AQR	_
		-				-			Connecting		4 NPT			-AQS	_
Pressure range/		0.3				-			0.3 4 ba	r	-			-D5	_
operation					ly opera									-D6	
				manu	ally ope	ated								-D7	_
Grade of filtration	l	40 µm	1											-E	_
		5 μm									,			-C	_
Bowl				vith pl	astic bo	wl guar	d							-R	-
6 1 1 1 1		Metal												-U	
Condensate drain		Manua		+: -										-M	
			Automa		max. 12	har)								-H -V	$\dashv$
Pressure gauge		Cover		ic (FI	111ax, 12	Daij								-VS	$\dashv$
alternatives				anter	nlate for	FN nro	ssure gauge		_					-V3	
			ut gaug		plate for	LIV PIC	ssure gauge	,						70	
					plate for	EN pre	ssure gauge	, without	gauge					-A4	
							en scale							-RG	7
		Pressi	ure sens	or wit	h displa	y, plug	M8, 1 switch	ing outp	ut PNP, 3-pir	1				-AD1	
		Pressi	ure sens	or wit	h displa	y, plug	M8, 1 switch	ing outp	ut NPN, 3-pir	1				-AD2	
		Pressu	ure sens	or wit	h displa	y, plug	M12, 1 switc	hing out	put PNP, 4-p	in, analog	gue output 4	20 mA		-AD3	
		Pressi	ure sens	or wit	h displa	y, plug	M12, 1 switc	hing out	put NPN, 4-p	in, analog	gue output 4	20 mA		-AD4	
Alternative pressu	ure	psi												-PSI	
gauge scale		Bar												-BAR	
Rotary knob		Long r	otary k	nob										-LD	
Security			ble via a											-AS	$\perp \mid$
Type of mounting					ith knu	led nut	for regulato	r head						-WR	$\perp$
			ting bra											-WP	_
			ting bra											-WPM	$\perp$
			ting bra											-WB	$\exists$
			ting bra						-					-WBM	4
Alternative flow d	irection	Flow c	lirection	n from	right to	left		_						-Z	

### **Filter Regulators** MS4/MS6-LFR

_						_		
0	ч	ш	u	ш	α	v	α	ιa

Pressure gauge alternatives Alternative pressure Type of mounting Alternative flow Security gauge scale direction WR WP WPM ۷S, PSI, BAR AS A8, A4, RG, E11 AD1 ... AD4, WB  $\mathsf{WBM}$ 

	Condensate drain	Connection		of filtratio	e, display unit [bar], standard rotar	T 1	e of filtration	
Size	Condensate drain	Connection			<u> </u>	-		<u> </u>
			Part N	0.	Туре	Part	No.	Type
	owl guard	T			T	TT _		T
MS4	Manual rotary	G1/4	* F	529144	MS4-LFR-1/4-D6-CRM-AS	* F		· · · · · · · · · · · · · · · · · · ·
	Fully automatic	G1/4	* F		MS4-LFR-1/4-D6-CRV-AS	* F		
MS6	Manual rotary	G3/8			MS6-LFR-3/8-D6-CRM-AS		529220	MS6-LFR-3/8-D6-ERM-AS
		G1/2	* F	529176	MS6-LFR-1/2-D6-CRM-AS	* F		-
	Fully automatic	G1/4	-			<b>!</b>	529202	· · · · · · · · · · · · · · · · · · ·
		G1/2	*F		MS6-LFR-1/2-D6-CRV-AS	* F		
			T		ge, display unit [bar], standard rota	T T		
Size	Condensate drain	Connection	Grade	of filtratio	n 5 μm	Grad	e of filtration	40 μm
			Part N	0.	Type	Part	No.	Туре
	owl guard							
MS4	Manual rotary	G1/8		529168	MS4-LFR-1/8-D7-CRM-AS		529172	MS4-LFR-1/8-D7-ERM-AS
		G1/4	*F	529152	MS4-LFR-1/4-D7-CRM-AS	* F	529156	MS4-LFR-1/4-D7-ERM-AS
	Fully automatic	G1/8	-				529174	MS4-LFR-1/8-D7-ERV-AS
		G1/4	*F	529154	MS4-LFR-1/4-D7-CRV-AS	* F	529158	MS4-LFR-1/4-D7-ERV-AS
MS6	Manual rotary	G1/4		529204	MS6-LFR-1/4-D7-CRM-AS		529208	MS6-LFR-1/4-D7-ERM-AS
		G3/8	_				529228	MS6-LFR-3/8-D7-ERM-AS
		G1/2	* F	529184	MS6-LFR-1/2-D7-CRM-AS	* F	529188	MS6-LFR-1/2-D7-ERM-AS
	Fully automatic	G1/4	_				529210	MS6-LFR-1/4-D7-ERV-AS
		G3/8		529226	MS6-LFR-3/8-D7-CRV-AS	_		
		G1/2	*F	529186	MS6-LFR-1/2-D7-CRV-AS	* F	529190	MS6-LFR-1/2-D7-ERV-AS
Integrate	ed as metal bowl							
MS4	Manual rotary	G1/4	F	535718	MS4-LFR-1/4-D7-CUM-AS	★ F	535724	MS4-LFR-1/4-D7-EUM-AS
	Fully automatic	G1/4	*F	535720	MS4-LFR-1/4-D7-CUV-AS	* F	535722	MS4-LFR-1/4-D7-EUV-AS
MS6	Manual rotary	G1/2	*F	530338		★ F	529192	MS6-LFR-1/2-D7-EUM-AS
	Fully automatic	G1/2	*F	530340	MS6-LFR-1/2-D7-CUV-AS	* F		· · · · · · · · · · · · · · · · · · ·
Pressure			ated pre	essure gau	ige, display unit [psi], standard rot	ary knob		
Size	Condensate drain	Connection		of filtratio		T	e of filtration	
			Part N		Type	Part		Туре
Plastic b	owl guard				71			71
MS4N	Manual rotary	1/4 NPT	F	531229	MS4N-LFR-1/4-D6-CRM-AS	TF	531221	MS4N-LFR-1/4-D6-ERM-AS
	Fully automatic	1/4 NPT	F		MS4N-LFR-1/4-D6-CRV-AS	┧┝╌		
MS6N	Manual rotary	1/4 NPT	F		MS6N-LFR-1/2-D6-CRM-AS	┨ <del>┋</del>		
1412011	Fully automatic	1/2 NPT	F	531300		┤├ <del></del>		· · · · · · · · · · · · · · · · · · ·
Proceuro					e, display unit [psi], standard rotar			
	Condensate drain							
Size	Condensate drain	Connection				_		
Dlactic b	owl guard		Part N	0.	Type	Part	NU.	Type
	Manual rotary	1/4 NDT		E21212	MSAN LED 1/A D7 CDM AS	_	E2120F	MS/N IED 1// D7 EDM AS
MS4N		1/4 NPT	F	531213	MS4N-LFR-1/4-D7-CRM-AS	┤├ <del></del>		MS4N-LFR-1/4-D7-ERM-AS
MCCN	Fully automatic	1/4 NPT	F	531217	MS4N-LFR-1/4-D7-CRV-AS	- I F		MS4N-LFR-1/4-D7-ERV-AS
MS6N	Manual rotary	1/2 NPT	F	531282	MS6N-LFR-1/2-D7-CRM-AS	┤├ <del></del>		MS6N-LFR-1/2-D7-ERM-AS
1.4.	Fully automatic	1/2 NPT	F	531288	MS6N-LFR-1/2-D7-CRV-AS	F	531276	MS6N-LFR-1/2-D7-ERV-AS
	ed as metal bowl	a / / NOT		F25	MC(NIED 4/4 DE CURA 4C			MC(N LED 4 / C S S S S S S S S S S S S S S S S S S
MS4N	Manual rotary	1/4 NPT	F	535750	MS4N-LFR-1/4-D7-CUM-AS	<u> </u>		MS4N-LFR-1/4-D7-EUM-AS
	Fully automatic	1/4 NPT	F	535752	MS4N-LFR-1/4-D7-CUV-AS			MS4N-LFR-1/4-D7-EUV-AS
MS6N	Manual rotary	1/2 NPT	F	531318	MS6N-LFR-1/2-D7-CUM-AS	F		MS6N-LFR-1/2-D7-EUM-AS
	Fully automatic	1/2 NPT	F	531324	MS6N-LFR-1/2-D7-CUV-AS	III F	531336	MS6N-LFR-1/2-D7-EUV-AS

### MS4/MS6-LF

<b>Mandatory Data</b>									Optional Dat	ta
Module No.	Series	Size	Thread	Function	Connection size	Grade of filtration	Bowl	Condensate drain	Type of mounting	Alternative flow direction
527695 (metric) 527668 (metric) 527696 (NPT) 527669 (NPT) Order example		4 6	N	LF	1/8, 1/4, 3/8, 1/2, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR, AQS	E,	R, U	M, H, V	WP, WPM, WB, WBM	Z
527695	MS	4	N	LF	AGB	Е	R	M		

		MS4	N	NS6	Code	Enter code
Module No.	527695 (metric)	527696 (NPT)	527668 (metric)	527669 (NPT)		
Series			MS	I.	MS	MS
Size	4	4	6	6		
Thread	ISO-G	_	ISO-G	_		
	-	NPT	-	NPT	N	
Function	Filters	,			-LF	-LF
Connection size	Thread G1/8	1/8 NPT	-	-	-1/8	
	Thread G1/4	1/4 NPT	Thread G1/4	1/4 NPT	-1/4	
	-	-	Thread G3/8	3/8 NPT	-3/8	
	-	-	Thread G1/2	1/2 NPT	-1/2	
	Connecting plate G1/8		-		-AGA	
	Connecting plate G1/4		Connecting plate G1/4		-AGB	
	Connecting plate G3/8		Connecting plate G3/8		-AGC	
	-		Connecting plate G1/2		-AGD	
	-		Connecting plate G3/4		-AGE	
	Connecting plate 1/8 N	PT	-		-AQK	
	Connecting plate 1/4 N	PT	Connecting plate 1/4 N	IPT	-AQN	
	Connecting plate 3/8 N	PT	Connecting plate 3/8 N	IPT	-AQP	
	_		Connecting plate 1/2 N	IPT	-AQR	
	-		Connecting plate 3/4 N	IPT	-AQS	
Grade of filtration	40 μm				-E	
	5 μm				-C	
Bowl	Plastic bowl with plastic	bowl guard			-R	
	Metal bowl				-U	
Condensate drain	Manual				-M	
	Semi-automatic (P1 ma				-H	
	Fully automatic (P1 max				-V	
Type of mounting			iants: AGAAGE, AQKAQS		-WP	
		with connecting plate var	iants: AGAAGE, AQKAQS	5)	-WPM	
	Mounting bracket				-WB	
	Mounting bracket	-		-	-WBM	
Alternative flow direction	Flow direction from righ	t to left			-Z	

Componer	nts Common in North	American Prod	uction Facilit	У			
Size	Condensate drain	Connection	Grade of filt	ration 5 µm	Grad	de of filtra	tion 40 µm
			Part No.	Туре	Part	No.	Гуре
Plastic box	wl guard						
MS4	Manual rotary	G1/8	529403	MS4-LF-1/8-CRM		529407	MS4-LF-1/8-ERM
		G1/4	<b>F</b> 529395	MS4-LF-1/4-CRM	F	529399	MS4-LF-1/4-ERM
	Fully automatic	G1/8	529405	MS4-LF-1/8-CRV	_		
		G1/4	<b>F</b> 529397	MS4-LF-1/4-CRV	F	529401	MS4-LF-1/4-ERV
MS6	Manual rotary	G3/8	529639	MS6-LF-3/8-CRM		529647	MS6-LF-3/8-ERM
		G1/2	<b>F</b> 529607	MS6-LF-1/2-CRM	F	529615	MS6-LF-1/2-ERM
	Fully automatic	G1/4	529625	MS6-LF-1/4-CRV	_		
		G3/8	529641	MS6-LF-3/8-CRV	_		
		G1/2	<b>F</b> 529609	MS6-LF-1/2-CRV	E	529617	MS6-LF-1/2-ERV
Integrated	as metal bowl						
MS6	Manual rotary	G1/2	529611	MS6-LF-1/2-CUM		529619	MS6-LF-1/2-EUM
	Fully automatic	G1/2	529613	MS6-LF-1/4-CUV		529621	MS6-LF-1/2-EUV

Size	Condensate drain	Connection	Grade of filt	Grade of filtration 5 μm			tion 40 µm
			Part No.	Туре		Part No.	Гуре
Plastic bow	ıl guard						
MS4N	Manual rotary	1/4 NPT	<b>F</b> 531489	MS4N-LF-1/4-CRM		F 513485	MS4N-LF-1/4-ERM
	Fully automatic	1/4 NPT	<b>F</b> 531493	MS4N-LF-1/4-CRV		F 531481	MS4N-LF-1/4-ERV
MS6N	Manual rotary	1/2 NPT	<b>F</b> 531526	MS6N-LF-1/2-CRM		<b>F</b> 531520	MS6N-LF-1/2-ERM
	Fully automatic	1/2 NPT	<b>F</b> 531532	MS6N-LF-1/2-CRV		<b>F</b> 531514	MS6N-LF-1/2-ERV
Integrated	as metal bowl						
MS6N	Fully automatic	1/2 NPT	531544	MS6N-LF-1/2-CUV		_	

<sup>★</sup> Core product range

**F** FAST™ program product range

### **Ordering Data**

Module No.	Series	Size	Thread	Function	Connection size	Grade of filtration	Bowl	Condensate drain	Filter contamination	Type of mounting	Alternative flow direction
527697 (metric) 527670 (metric) 527698 (NPT) 527671 (NPT) Ordering Sample	MS	4,	N	LFM	1/8, 1/4, 3/8, 1/2, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR, AQS	B, A	R, U	M, H, V	DA HF	WP, WMP, WB, WBM	Z
527697	MS	4	N	LFM	AGB	В	R	M	DA	WP	Z

	MS4		MS6		Code	Enter code
Module No.	527697 (metric)	527698 (NPT)	527670 (metric)	527671 (NPT)		
Series		Λ	NS S		MS	MS
Size	4	4	6	6		
Thread	ISO-G	-	ISO-G	_		
	-	NPT	-	NPT	N	
Function	Fine and micro filter				-LF	-LFM
Connection size	Thread G1/8	Thread 1/8 NPT	-	_	-1/8	
	Thread G1/4	Thread 1/4 NPT	Thread G1/4	Thread 1/4 NPT	-1/4	
	-	_	Thread G3/8	Thread 3/8 NPT	-3/8	
	-	-	Thread G1/2	Thread 1/2 NPT	-1/2	
	Connecting plate G1/8		-		-AGA	
	Connecting plate G1/4		Connecting plate G1/4		-AGB	
	Connecting plate G3/8		Connecting plate G3/8		-AGC	
	-		Connecting plate G1/2		-AGD	
	-		Connecting plate G3/4		-AGE	
	Connecting plate 1/8 NPT		-		-AQK	
	Connecting plate 1/4 NPT		Connecting plate 1/4 NPT		-AQN	
	Connecting plate 3/8 NPT		Connecting plate 3/8 NPT		-AQP	
	-		Connecting plate 1/2 NPT		-AQR	
	-		Connecting plate 3/4 NPT		-AQS	
Grade of filtration	1 μm				-B	
	0.01 μm				-A	
Bowl	Plastic bowl with plastic bowl	guard			-R	
	Metal bowl				-U	
Condensate drain	Manual				-M	
	Semi-automatic (P1 max. 12 l				-H	
	Fully automatic (P1 max. 12 b	ar)			-V	
Flow Rate	-		High flow rate (G1/2 Only)	_	-HF	
Filter contamination sensing	Differential pressure indicator (G1/4 only)	-	Differential pressure indicator (G1/2 only)	-	-DA	
Type of mounting	Mounting bracket (Only with	connecting plate varia	ants: AGAAGE, AQKAQS)	•	-WP	
	Mounting bracket (Only with	connecting plate varia	ants: AGAAGE, AQKAQS)		-WPM	
	Mounting bracket				-WB	
	Mounting bracket		-		-WBM	
Alternative flow direction	Flow direction from right to le	ft			-Z	

### **Fine and Micro Filters**

MS4/MS6-LFM

Without	differential pressure in	dicator				
Size	Condensate drain	Connection	Grade of filt	ration 0.01 µm		Grade of filtration 1 µm
			Part No.	Туре		Part No. Type
Plastic b	oowl guard					
MS4	Manual rotary	G1/8	529463	MS4-LFM-1/8-ARM		-
		G1/4	<b>F</b> 529459	MS4-LFM-1/4-ARM		<b>F</b> 529461 MS4-LFM-1/4-BRM
MS6	Manual rotary	G1/2	<b>F</b> 529655	MS6-LFM-1/2-ARM		<b>F</b> 529659 MS6-LFM-1/2-BRM
	Fully automatic	G1/2	530502	MS6-LFM-1/2-ARV		-
Integrat	ed as metal bowl					
MS4	Fully automatic	G1/4	<b>F</b> 535768	MS4-LFM-1/4-AUV	П	F 535766 MS4-LFM-1/4-BUV
MS6	Fully automatic	G1/2	<b>F</b> 529657	MS6-LFM-1/2-AUV		<b>F</b> 529661 MS6-LFM-1/2-BUV
With dif	ferential pressure indic	ator				
Plastic b	oowl guard					
MS4	Manual rotary	G1/4	536822	MS4-LFM-1/4-ARM-DA		-
MS6	Manual rotary	G1/2	536871	MS6-LFM-1/2-ARM-DA		536835 MS6-LFM-1/2-BRM-DA
	Fully automatic	G1/2	536877	MS6-LFM-1/2-ARV-DA		536841 MS6-LFM-1/2-BRV-DA
Integrat	ed as metal bowl					
MS4	Fully automatic	G1/4	537214	MS4-LFM-1/4-AUV-DA		-
MS6	Fully automatic	G1/2	536883	MS6-LFM-1/2-AUV-DA		536847 MS6-LFM-1/2-BUV-DA
Integrat	ed as metal bowl and hi	gh flow rate				
MS6	Fully automatic	G1/2	552926	MS6-LFM-1/2-AUV-HF-DA		552925 MS6-LFM-1/2-BUV-HF-DA
Without	differential pressure in	dicator				
Size	Condensate drain	Connection	Grade of filt	ration 0.01 μm		Grade of filtration 1 µm
			Part No.	Туре		Part No. Type
Plastic b	oowl guard					
MS4N	Manual rotary	1/4 NPT	<b>F</b> 531812	MS4N-LFM-1/4-ARM		<b>F</b> 531810 MS4N-LFM-1/4-BRM
MS6N	Manual rotary	1/2 NPT	<b>F</b> 531861	MS6N-LFM-1/2-ARM		<b>F</b> 531849 MS6N-LFM-1/2-BRM
	Fully automatic	1/2 NPT	531867	MS6N-LFM-1/2-ARV		531855 MS6N-LFM-1/2-BRV
Integrat	ed as metal bowl					
MS4N	Fully automatic	1/4 NPT	<b>F</b> 535776	MS6N-LFM-1/4-AUV		<b>F</b> 535774 MS4N-LFM-1/4-BUV
MS6N	Fully automatic	1/2 NPT	<b>F</b> 531879	MS6N-LFM-1/2-AUV		F 531873 MS6N-LFM-1/2-BUV

Compon	ents Common in North	American Prod	uction Facili	ty		
With dif	ferential pressure indic	ator				
Size	Condensate drain	Connection	Grade of fi	tration 0.01 μm	Grade of filtr	ration 1 µm
			Part No.	Туре	Part No.	Туре
Plastic b	oowl guard					
MS4	Manual rotary	G1/8	536821	MS4-LFM-1/8-ARM-DA	_	
		G1/4	536822	MS4-LFM-1/4-ARM-DA	536818	MS4-LFM-1/4-BRM-DA
MS6	Manual rotary	G1/4	536869	MS6-LFM-1/4-ARM-DA	536833	MS6-LFM-1/4-BRM-DA
		G3/8	536870	MS6-LFM-3/8-ARM-DA	_	
		G1/2	536871	MS6-LFM-1/2-ARM-DA	536835	MS6-LFM-1/2-BRM-DA
	Fully Automatic	G1/2	536877	MS6-LFM-1/2-ARV-DA	536841	MS6-LFM-1/2-BRV-DA
Integrat	ed as metal bowl					
MS4	Fully Automatic	G1/4	537214	MS4-LFM-1/4-AUV-DA	_	
MS6	Fully Automatic	G1/2	536883	MS6-LFM-1/2-AUV-DA	536847	MS6-LFM-1/2-BUV-DA
Integrat	ed as metal bowl and hi	gh flow rate	•		•	
MS6	Fully automatic	G1/2	552926	MS6-LFM-1/2-AUV-HF-DA	552925	MS6-LFM-1/2-BUV-HF-DA

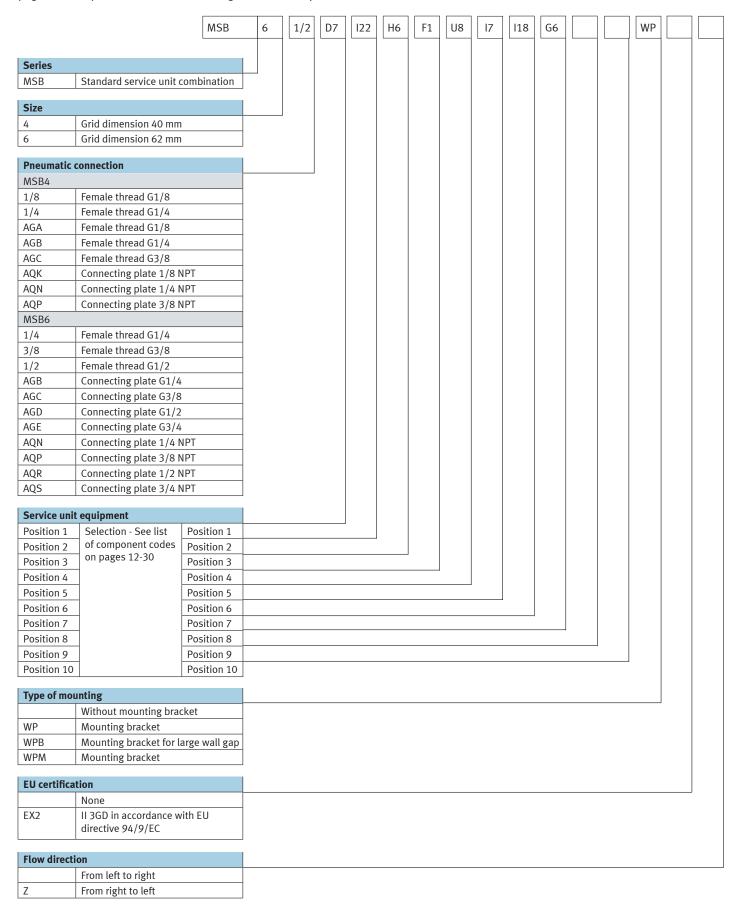
★ Core product range

**F** FAST™ program product range

### **Service Unit Combinations Type codes**

MSB4/MSB6

This chart shows how to build an Order Code for a service unit assembly (MSB) containing multiple components. Each component is denoted with a character code (ie:A1). The complete list of components which we assemble in the North American production facility are on the following pages. It is helpful to use the Online Configurator to build your Order Code.



Overvi	ew list	- Servi	ce units	MSB4/	6 & MSI	34/6N						
MCD		IS	O-G Port	ting			NPT	Porting	3			
MSB CODE	MS	B4		MSB6		MSB	4N	MSI	36N		Туре	Description
	1/8	1/4	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
Soft-st	art val	/e MS-I	DL, pneu	maticall ☆	y actuat ☆	ed	☆			☆	MS-DL	Cover plate
A2	_		_						<b>←</b>	-	MS-DL-AD7	Pressure sensor with operational status indicator (plug
AZ		$\Rightarrow$		$\Rightarrow$	$\Rightarrow$		☆	•	<b>←</b>	$\Rightarrow$	MIS-DE-AD7	M8, threshold value comparator, PNP, N/O contact)
	art val	/e MS-I	DE, electi	rically a	ctuated							
B1	•	*	•	$\Rightarrow$	☆	•	☆	•	☆	☆	MS-DE-V24	Supply voltage 24 V DC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connection to EN 175301-803 (plug connector, type C), cover plate
B2	•	☆	•	☆	☆	•	☆	•	☆	☆	MS-DE-V110	Supply voltage 110 V AC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connec tion to EN 175301-803 (plug connector, type C), cover plate
В3	•	•	•	•	•	•	•	•	•	•	MS-DE-V230	Supply voltage 230 V AC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connection to EN 175301-803 (plug connector, type C), cover plate
B4	•	☆	•	*	☆	•	☆	•	☆	☆	MS-DE-10V24	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), cover plate
B5	•	•	•	•	•	-	-	-	-	-	MS-DE-V24-EX2	Supply voltage 24 V DC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connec tion to EN 175301-803 (plug connector, type C), cover plate, to EU Explosion Protection Directive (ATEX)
C3	valve <i>I</i>	NS-EM1	I, manua	actua	ated 🟠	<u></u>	☆	☆	☆	☆	MS-EM1	Without silencer, cover plate
C4	₩ ₩		☆	₩ ₩							MS-EM1-S	Silencer, cover plate
		AC EE			tod.	☆	☆	☆	☆	☆	MD-FMI,2	Siterices, cover piate
D1	vaive i	/IS-EE, ☆	electrica	ily actua	atea ☆	☆	☆	☆	☆	☆	MS-EE-V24	Supply voltage 24 V DC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connection to EN 175301-803 (plug connector, type C), without silencer, cover plate
D2	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-EE-V110	Supply voltage 110 V AC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connection to EN 175301-803 (plug connector, type C), without silencer, cover plate
D3	•	•	•	•	•	•	•	•	•	•	MS-EE-V230	Supply voltage 230 V AC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connection to EN 175301-803 (plug connector, type C), without silencer, cover plate
D4	☆	☆	☆	☆	☆	$\Rightarrow$	☆	☆	☆	☆	MS-EE-V24-S	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), silencer, cover plate
D5	$\Rightarrow$	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-EE-V110-S	Supply voltage 110 V AC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), silencer, cover plate
D6	•	•	•	•	•	•	•	•	•	•	MS-EE-V30-S	Supply voltage 230 V AC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), silencer, cover plate
D7	$\Delta$	☆	☆	☆	☆	$\stackrel{\wedge}{\Rightarrow}$	☆	☆	☆	☆	MS-EE-10V24	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), without silencer, cover plate
D8	$\Rightarrow$	☆	☆	☆	☆	$\Rightarrow$	☆	☆	☆	☆	MS-EE-10V24-S	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), silencer, cover plate
D9	•	•	•	•	•	-	-	-	-	-	MS-EE-V24-EX2	Supply voltage 24 V DC, operating pressure 4 14 bar (MS4) / 4 18 bar (MS6), electrical connection to EN 175301-803 (plug connector, type C), w/o silencer, cover plate, to EU Explosion Protection Directive (ATEX)
D10	•	•	•	•	•	-	-	-	-	-	MS-EE-V24-S-EX2	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), silencer, cover plate, to EU Explosion Protection Directive (ATEX)
D11	-	☆	-	-	☆	-	-	-	-	-	MS-EE-10V24-AD7	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), without silencer, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
D12	-	☆	-	-	☆	-	-	-	-	-	MS-EE-10V24-S-AD7	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), silencer, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
☆						erican Pro				oi+- ·	th NDT posts des	plates are qualished there is North A
←		orted t acility.	iiiis ava	แลมเย th	rougn F	esto Gern	nany. M	ептс ро	rtea ui	IILS WI	in NP1 ported connecting	plates are available through North American Produc-
•	Produ	ced in F	esto Gerr									
-	Not a	n availa	ble Fest	o desigr	or conf	igurable	option					

Overv	iew list	- Serv	ice units	MSB4/	6 & MSI	B4/6N						
		IS	O-G Port				NPT	Porting	3			
MSB CODE		SB4		MSB6		MSB		MSI			Туре	Description
On off	1/8	1/4	1/4 electrica	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
D13	-	₩3-EE, ☆	-		☆	<u>-</u>	-	-	-	-	MS-EE-10V24-S-AD7	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to EN 175301-803 (plug connector, type C), silencer, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
D14	-	☆	-	-	☆	-	-	-	-	-	MS-EE-10V2P-AD7	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to IEC 61076-2-101 (plug connector M12x1, 2-pin), without silencer, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
D15	-	☆	-	-	☆	-	-	-	-	-	MS-EE-10V24P-S-AD7	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to IEC 61076-2-101 (plug connector M12x1, 2-pin), silencer, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
D19	-	☆	-	-	*	-	-	-	-	-	MS-EE-10V24P	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to IEC 61076-2-101 (plug connector M12x1, 2-pin), without silencer, cover plate
D20	-	☆	-	-	☆	-	-	-	-	-	MS-EE-10V24P-S	Supply voltage 24 V DC, operating pressure 4 10 bar, electrical connection to IEC 61076-2-101 (plug connector M12x1, 2-pin), silencer, cover plate
Brancl F1						MS-FRM		☆	☆	☆	MS-FRM	Cover plate
F2	*	*	*	<b>☆</b>	☆	<b>☆</b>	<b>☆</b>	<b>X</b>	<b>X</b>	<b>X</b>	MS-FRM-I	Integrated non-return function, cover plate
F3	_										MS-FRM-Y	Pressure switch without display (plug socket, EN 175
	$\Rightarrow$	☆	☆	☆	☆	☆	$\Rightarrow$	☆	$\Rightarrow$	☆		301, type A, cube), cover plate
F6	$\Rightarrow$	*	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\stackrel{\wedge}{\Longrightarrow}$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	*	MS-FRM-AD1	Pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin)
F7	•	•	•	•	•	•	•	•	•	•	MS-FRM-I-AD1	Integrated non-return function, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin)
F8		•			•			•	•		MS-FRM-M12	Pressure switch without display (plug socket, round, M12, 4-pin), cover plate
F9	•	•	•	•	•	•	•	•	•	•	MS-FRM-I-M12	Integrated non-return function, pressure switch without display (plug socket, round, M12, 4-pin), cover plate
F10	☆	☆	$\Rightarrow$	☆	☆	☆	☆	☆	☆	☆	MS-FRM-AD3	Pressure sensor with LCD display (plug M12, 1 switching output PNP, 4-pin)
F11	•	•	•	•	•	•	•	•	•	•	MS-FRM-I-AD3	Integrated non-return function, pressure sensor with LCD display (plug M12, 1 switching output PNP, 4-pin)
F12	☆	☆	☆	*	*	☆	*	*	☆	☆	MS-FRM-AD7	Pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
F13	•	•	•	•	•	•	•	•	•	•	MS-FRM-I-AD7	Integrated non-return function, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
F14	☆	☆	☆	☆	☆	<b>←</b>	<b>←</b>	<b>←</b>	<b>←</b>	<b>←</b>	MS-FRM-FRZ	Half grid dimension 20 mm
Memb	rane ai	r dryer	MS-LDM	1								
G3		•	-	-	-		•	-	-	-	MS-LDM1-P05	Flow cartridge 50 l/min
G4		•	-	-	-			-	-	-	MS-LDM1-P10	Flow cartridge 100 l/min
G5	-	-	•	•	•	-	-		•		MS-LDM1-P20	Flow cartridge 200 l/min
G6	-	-	•	•	•	-	-		•		MS-LDM1-P30	Flow cartridge 300 l/min
G7	-	-	•	•	•	-	-	•	•	•	MS-LDM1-P40	Flow cartridge 400 l/min
Filtor	MSIE											
Filter I H1	VIS-LF	☆	$\Rightarrow$	☆	☆	☆	☆	☆	☆	☆	MS-LF-ERV	Grade of filtration 40 µm, plastic bowl guard, fully
H2	☆	☆	☆	☆	₩	<i>₩</i>	₩ <b>☆</b>	☆	☆	☆	MS-LF-ERM	automatic condensate draiN  Grade of filtration 40 µm, plastic bowl guard, manual
Н3	☆	☆	$\Rightarrow$	☆	☆	☆	☆	☆	☆	☆	MS-LF-CRM	condensate drain  Grade of filtration 5 µm, plastic bowl guard, manual
H4	$\Rightarrow$	☆	☆	☆	☆	$\stackrel{\sim}{\Rightarrow}$	☆	☆	☆	☆	MS-LF-CRV	condensate drain  Grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain
H5	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LF-CUM	Grade of filtration 5 µm, metal bowl, manual conden-
Н6	$\Rightarrow$	☆	☆	☆	$\Rightarrow$	☆	☆	☆	$\Rightarrow$	☆	MS-LF-CUV	sate drain  Grade of filtration 5 µm, metal bowl, fully automatic condensate drain
☆						erican Pro						Condensate drain
<b>←</b>	NPT p	orted ( acility.	units ava	ilable th	rough F					nits wi	th NPT ported connecting pla	ates are available through North American Produc-
•			esto Geri			i.a	- nt'-					
-	Not a	ıı avaıla	test aluk	o aesigr	r or conf	igurable (	option					

Overvi	ew list		ce units		6 & MS	B4/6N						
MSB			O-G Por					Porting			_	
CODE		SB4		MSB6	1 /0	MSB	1		B6N	1/0	Туре	Description
HTED	1/8	1/4 (cont	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
FILIER H7		T	ŕ	Ι	Ι	Ι Δ	Α.	Δ	Α.	Α.	MS-LF-EUV	Grade of filtration 40 µm, metal bowl, fully automatic
	$\Rightarrow$	☆	☆	☆	☆	☆	☆	☆	☆	☆		condensate drain
Н8	$\Rightarrow$	*	$\stackrel{\wedge}{\bowtie}$	*	*	☆	*	*	*	*	MS-LF-EUM	Grade of filtration 40 μm, metal bowl, manual condensate drain
Fine ar	nd micr	o filter	MS-LFM									Sate dialii
1	☆	☆	☆	☆	<b>☆</b>	*	☆	☆	☆	*	MS-LFM-BRM	Grade of filtration 1 µm, plastic bowl guard, manual
12						A	<b>A</b>		1	-	MS-LFM-BRV	condensate drain  Grade of filtration 1 µm, plastic bowl guard, fully
12	-	-	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	-	-	*	*	$\Rightarrow$	M2-FLM-RKA	automatic condensate drain
3	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFM-ARM	Grade of filtration 0.01 µm, plastic bowl guard, manua
4									1		MS-LFM-ARV	condensate drain  Grade of filtration 0.01 µm, plastic bowl guard, fully
-	-	-	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	-	-	$\Rightarrow$	$\Rightarrow$	*	MS EIW / IIIV	automatic condensate drain
5	$\stackrel{*}{\Rightarrow}$	$\Rightarrow$	*	☆	☆	$\Rightarrow$	☆	☆	*	*	MS-LFM-ARM-DA	Grade of filtration 0.01 µm, plastic bowl guard, manual condensate drain, optical differential pressure
	×	×	<b>×</b>	×		×	<b>X</b>	×	~	×		indicator
6			Α		Α			Α.	_	Α.	MS-LFM-ARV-DA	Grade of filtration 0.01 µm, plastic bowl guard, fully
	-	-	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	-	-	$\Rightarrow$	*	*		automatic condensate drain, optical differential pressure indicator
17	$\Rightarrow$	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFM-BUV	Grade of filtration 1 µm, metal bowl, fully automatic
											140 1514 4107	condensate drain
8	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	*	$\Rightarrow$	$\Rightarrow$	*	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	MS-LFM-AUV	Grade of filtration 0.01 μm, metal bowl, fully automatic condensate drain
19											MS-LFM-BUV-DA	Grade of filtration 1 µm, metal bowl, fully automat-
	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$		ic condensate drain, optical differential pressure indicator
l10			_			_		_			MS-LFM-BRM-DA	Grade of filtration 1 µm, plastic bowl guard, manual
	$\stackrel{\wedge}{\bowtie}$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	*	☆	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	*		condensate drain, optical differential pressure indi-
111											MS-LFM-BRV-DA	cator  Grade of filtration 1 μm, plastic bowl guard, fully auto-
	-	-	$\Rightarrow$	*	*	-	-	*	*	*	mo zim sitt sit	matic condensate drain, optical differential pressure
12											MS-LFM-AUV-DA	indicator  Grade of filtration 0.01 µm, metal bowl, fully auto-
12											M3-LFM-AUV-DA	matic condensate drain, optical differential pressure
	$\stackrel{\wedge}{\bowtie}$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	☆	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	*		indicator
13											MS-LFM-BRM-DP	Grade of filtration 1 µm, plastic bowl guard, manual
												condensate drain, filter contamination indicator (plug M8, PNP, 3-pin)
												,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
14											MS-LFM-BRV-DP	Grade of filtration 1 μm, plastic bowl guard, fully auto-
17											me zim zitt zi	matic condensate drain, filter contamination indicator
	-	-				-	-					(plug M8, PNP, 3-pin)
115											MS-LFM-ARM-DP	Grade of filtration 0.01 µm, plastic bowl guard, manual condensate drain, filter contamination indicator (plug
												M8, PNP, 3-pin)
116											MS-LFM-ARV-DP	Grade of filtration 0.01 μm, plastic bowl guard, fully
												automatic condensate drain, filter contamination
	-	-				-	-					indicator (plug M8, PNP, 3-pin)
117											MS-LFM-BUV-DP	Grade of filtration 1 µm, metal bowl, fully automatic condensate drain, filter contamination indicator (plug
						•						M8, PNP, 3-pin)
l18											MS-LFM-AUV-DP	Grade of filtration 0.01 µm, metal bowl, fully automatic
												condensate drain, filter contamination indicator (plug
												M8, PNP, 3-pin)
											MC LEM SURVE	C. I. COL.
23											MS-LFM-BUV-HF	Grade of filtration 1 µm, metal bowl, fully automatic condensate drain, high flow rate
	-	-			*	-	-			<b>←</b>		Sometiments are any ingritton rate
☆	Availa	able and	d produc	ed in No	orth Ame	l erican Pro	duction	r Facility	V			
<b>←</b>	NPT p	orted u								nits wi	th NPT ported connecting	g plates are available through North American Produc-
		acility.										
•			esto Geri			figural-1	ontic					
-	ivot a	ii avalla	inie rest	o desigi	r or cont	figurable	option					

Overvi	ew list	- Servi	ice units	MSB4/	6 & MSI	34/6N						
			O-G Port				NPT	Porting	3			
MSB CODE	MS			MSB6		MSB	4N	MSI	36N		Туре	Description
		1/4	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
Fine at	nd micr	o filter -	MS-LFM	(cont)	☆	-	-	•	•	<b>←</b>	MS-LFM-AUV-HF	Grade of filtration 0.01 µm, metal bowl, fully automatic condensate drain, high flow rate
125	-	-	•	•	☆	-	-	•	•	<b>←</b>	MS-LFM-BUV-HF-DA	Grade of filtration 1 µm, metal bowl, fully automatic condensate drain, high flow rate, optical differential pressure indicator
126	-	-	•	•	☆	-	-	•	•	<b>←</b>	MS-LFM-AUV-HF-DA	Grade of filtration 0.01 μm, metal bowl, fully automatic condensate drain, high flow rate, optical differential pressure indicator
17	-	-	•	•	•	-	-	•	•	•	MS-LFM-BUV-HF-DP	Grade of filtration 1 µm, metal bowl, fully automatic condensate drain, high flow rate, filter contamination indicator (plug M8, PNP, 3-pin)
128	-	-	•	•	•	-	-	•	•	•	MS-LFM-AUV-HF-DP	Grade of filtration 0.01 μm, metal bowl, fully automatic condensate drain, high flow rate, filter contamination indicator (plug M8, PNP, 3-pin)
129	-	-	•	•	•	-	-	•	•	•	MS-LFM-ARV-HP	Grade of filtration 0.01 μm, plastic bowl guard, fully automatic condensate drain, low flow rate suitable for sealing air and cleaning air
130	-	-	•	•	•	-	-	•	•	•	MS-LFM-BRV-HP	Grade of filtration 1 µm, plastic bowl guard, fully automatic condensate drain, low flow rate suitable for sealing air and cleaning air
l31	-	-	•	•	•	-	-	•	•	•	MS-LFM-ARV-HP-DP	Grade of filtration 0.01 µm, plastic bowl guard, fully automatic condensate drain, low flow rate suitable for sealing air and cleaning air, filter contamination indicator (plug M8, PNP, 3-pin)
132	-	-	•	•	•	-	-	•	•	•	MS-LFM-BRV-HP-DP	Grade of filtration 1 µm, plastic bowl guard, fully automatic condensate drain, low flow rate suitable for sealing air and cleaning air, filter contamination indicator (plug M8, PNP, 3-pin)
Filter r	egulato	r MS-L	.FR									tor (plag mo, r m, y pm)
J1	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-ERM-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in ps; stand ard rotary knob with detent, lockable with accessorieS
J2	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-ERV-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J3	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CRM-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J4	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CRV-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J5	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-ERM-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J6	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-ERV-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J7	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-CRM-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J8	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-CRV-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
★	NPT p	orted ι acility.		ilable th	rough F	erican Pro esto Gern				nits wi	th NPT ported connecting	plates are available through North American Produc-
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						J 2010						

Overvi	ew list		ce units		6 & MSI	B4/6N		D				
MSB	140		O-G Port			MCD		Porting		1	T	5
CODE	1/8	SB4 1/4	1/4	MSB6 3/8	1/2	MSB	Т	MSI		1/2	Туре	Description
Filtor r		<u> </u>	1/4 FR (cont.		1/2	1/8	1/4	1/4	3/8	1/2		
J9		<u>₩3-г</u>	∴ K (COIII.	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CUM-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, manual condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J10	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CUV-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, fully automatic condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J11	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-EUM-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 μm, metal bowl, manual condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J12	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-EUV-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, fully automatic condensate drain, integrated MS pressure gauge with outer scale in bar and inner scale in psi, stand ard rotary knob with detent, lockable with accessories
J13	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-ERM-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J14	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-ERV-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 μm, plastic bowl guard, fully automatic condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J15	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CRM-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J16	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CRV-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
Filter r	egulato	or MS-L	.FR									
J17	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-ERM-AD1-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J18	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-ERV-AD1-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J19	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-CRM-AD1-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J20	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-CRV-AD1-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J21	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-EUM-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 μm, metal bowl, manual condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J22	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-EUV-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, fully automatic condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
<b>☆ ←</b>	NPT p	orted uacility.		ilable th	rough F	erican Pro esto Gern				nits wi	th NPT ported connecting p	olates are available through North American Produc-
-						figurable	ontion					

Overvi	ew list		ce units		6 & MS	B4/6N						
MSB			O-G Port					Porting		1		
CODE		SB4		MSB6	I	MSB	Т	MSI			Туре	Description
F*14		1/4	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
J23	egulato	or MS-L	FR (cont.	) ☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CUM-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, manual condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J24	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CUV-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, fully automatic condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J35	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-ERM-AD7-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J36	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-ERV-AD7-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J37	$\Rightarrow$	☆	☆	☆	☆	☆	☆	$\Rightarrow$	$\Rightarrow$	☆	MS-LFR-D7-CRM-AD7-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J38	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CRV-AD7-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J39	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-ERM-AD7-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J40	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-ERV-AD7-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 μm, plastic bowl guard, fully automatic condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J41	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-CRM-AD7-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J42	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D6-CRV-AD7-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J43	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-EUM-AD7-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, manual condensate drain, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J44	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-EUV-AD7-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, fully automatic condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
☆						erican Pro					th NDT	
←		orted uacility.	ınıts avai	naple th	irough F	esto Gerr	nany. M	etric po	rted ur	iits wii	th NPT ported connecting p	plates are available through North American Produc-
•			esto Gerr	nany on	ly!							
_						figurable	option					

Overv	ew list		ce units		6 & MS	B4/6N						
MSB			O-G Port					Porting			_	
CODE		B4		MSB6	- 1-	MSB		MSI		- 1-	Туре	Description
Eiltor		1/4	1/4 FR (cont.	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
J45	±	\$\frac{1}{2}\$	rk (cont.	) ☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CUM-AD1-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, manual condensate drain, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
J46	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LFR-D7-CUV-AD7-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, fully automatic condensate drain, pressure sensor with operational status indicator (plug M8, threshold value com parator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
J79	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-ERM-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J80	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-ERV-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J81	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-CRM-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J82	-	☆		-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-CRV-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J83	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-ERM-RG-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J84	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-ERV-RG-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J85	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-CRM-RG-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J86	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-CRV-RG-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J87	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-EUM-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, manual condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessorieS
J88	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-EUV-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, fully automatic condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
☆						erican Pro				.,	U NIDT	
←		orted u acility.	ınıts avai	iable th	rough F	esto Gern	nany. M	etric po	rted ui	nits wi	tn NPI ported connecting p	lates are available through North American Produc-
•			esto Gern	nany on	y!							
_	Not a	n availa	ble Fest	o design	or conf	figurable	option					

Overv	iew list	- Servi	ce units	MSB4/	6 & MSI	34/6N		-				
MCD		IS	O-G Port	ting			NPT	Porting	Š			
MSB CODE		B4		MSB6		MSB	4N	MSI	36N		Туре	Description
		1/4	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
J89	egulato -	or MS-L	FR (cont.	) 	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-CUM-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, manual condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J90	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D7-CUV-RG-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, fully automatic condensate drain, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
J91	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D7-ERM-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/8 EN pressure gauge(without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D7-ERM-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J92	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D7-ERV-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D7-ERV-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for EN pressure gauge 1/4 (without pressure gauge), standard rotary knob with detent, lockable with accessories
J93	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D7-CRM-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D7-CRM-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J94	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D7-CRV-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D7-CRV-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J95	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D6-ERM-A8-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D6-ERM-A4-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J96	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D6-ERV-A8-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D6-ERV-A4-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
☆						erican Pro						
←		orted ι acility.	ınits ava	ilable th	rough F	esto Gern	nany. M	etric po	rted ui	nits wi	th NPT ported connecting p	lates are available through North American Produc-
•			esto Gerr	nany on	ly!							
-	Not a	n availa	ble Fest	o desigr	or conf	igurable (	option					

Overvi	ew list	- Servi	ce units	MSB4/	6 & MSI	B4/6N						
		IS	O-G Port					Porting	3			
MSB CODE		SB4		MSB6		MSB			36N		Туре	Description
	1/8		1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
<u>Filter r</u> J97	egulato -	or MS-L	FR (cont.	) 	-	-	<b>←</b>	-	-	-	MS-LFR-D6-CRM-A8-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D6-CRM-A4-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, manual condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J98	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D6-CRV-A8-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D6-CRV-A4-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J99	_	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D7-EUM-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 μm, metal bowl, manual condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	_	-	-	-	<b>←</b>	MS-LFR-D7-EUM-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, manual condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J100	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D7-EUV-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, fully automatic condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D7-EUV-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 40 µm, metal bowl, fully automatic condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J101	-	☆	-	-	-	_	<b>←</b>	-	-	-	MS-LFR-D7-CUM-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, manual condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D7-CUM-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, manual condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J102	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LFR-D7-CUV-A8-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, fully automatic condensate drain, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LFR-D7-CUV-A4-AS	Pressure regulation range 0.5 12 bar, grade of filtration 5 µm, metal bowl, fully automatic condensate drain, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
J119	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-CRV-MPA-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with outer scale in MPa, standard rotary knob with detent, lockable with accessories
J120	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-ERM-MPA-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with outer scale in MPa, standard rotary knob with detent, lockable with accessories
☆						erican Pro				., .	U NDT	
$\leftarrow$		orted ι acility.	ınıts avai	nable th	rough F	esto Gern	nany. M	etric po	rted u	nits wi	th NPI ported connecting p	lates are available through North American Produc-
•			esto Gerr	nany on	ly!							
-						figurable	option					

Overv	ew list	- Servi	ice units	MSB4/	6 & MSI	B4/6N						
			O-G Port			,	NPT	Porting	3			
MSB CODE	MS	B4		MSB6		MSB	4N	MSI	36N		Туре	Description
	1/8		1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
	egulato	r MS-L	FR (cont.	)								
J121	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-ERV-MPA-AS	Pressure regulation range 0.3 7 bar, grade of filtration 40 µm, plastic bowl guard, fully automatic condensate drain, integrated MS pressure gauge with outer scale in MPa, standard rotary knob with detent, lockable with accessories
J124	-	<b>☆</b>	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LFR-D6-CRM-MPA-AS	Pressure regulation range 0.3 7 bar, grade of filtration 5 $\mu$ m, plastic bowl guard, manual condensate drain, integrated MS pressure gauge with outer scale in MPa, standard rotary knob with detent, lockable with accessories
L1			er MS-LF.								MS-LFX-R	Plastic bowl guard
	<b>☆</b>	$\Rightarrow$	☆	*	☆	☆	$\Rightarrow$	☆	$\frac{1}{2}$	$\Rightarrow$	MS-LFX-U	Metal bowl
L2	☆	☆	$\Rightarrow$	☆	☆	$\stackrel{\wedge}{\Longrightarrow}$	☆	☆	☆	$\Rightarrow$		
L3	-	-	•	•		-	-	•	•		MS-LFX-U-HF	Metal bowl, high flow rate
L4	-	-	-	-		-	_	-	-		MS-LFX-R-HP	Plastic bowl guard, low flow rate suitable for sealing air and cleaning air
Lubrica	tor MS-L	.OE										un unu cicumng un
M1	$\Rightarrow$	*	$\Rightarrow$	$\Rightarrow$	☆	$\Rightarrow$	*	☆	$\Rightarrow$	*	MS-LOE-R	Plastic bowl guard
M2	☆	☆	☆	☆	☆	$\Rightarrow$	☆	☆	☆	☆	MS-LOE-U	Metal bowl
Pressui	e regula				, ,	,			, ,			
N1	☆	☆	☆	☆	☆	<b>←</b>	☆	<b>←</b>	<b>←</b>	☆	MS-LR-D5-AS	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
N2	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D6-AS	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
N3	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D7-AS	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
N4	☆	☆	☆	☆	☆	<b>←</b>	☆	<b>←</b>	<b>←</b>	☆	MS-LR-D5-AD1-AS	Pressure regulation range 0.3 4 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
N5	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D6-AD1-AS	Pressure regulation range 0.3 7 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
N6	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D7-AD1-AS	Pressure regulation range 0.5 12 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories
N7	☆	☆	☆	☆	☆	<b>←</b>	☆	<b>←</b>	<b>←</b>	☆	MS-LR-D5-KD-AS	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, rotary knob underneath, standard rotary knob with detent, lockable with accessories
N8	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D6-KD-AS	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, rotary knob underneath, standard rotary knob with detent, lockable with accessories
N9	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D7-KD-AS	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, rotary knob underneath, standard rotary knob with detent, lockable with accessories
N10	☆	☆	☆	☆	☆	<b>←</b>	☆	<b>←</b>	<b>←</b>	☆	MS-LR-D5-AD1-KD-AS	Pressure regulation range 0.3 4 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), rotary knob underneath, standard rotary knob with detent, lockable with accessories
N11	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D6-AD1-KD-AS	Pressure regulation range 0.3 7 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), rotary knob underneath, standard rotary knob with detent, lockable with accessories
N12	$\Rightarrow$	$\Rightarrow$	☆	☆	☆	☆	$\Rightarrow$	☆	☆	☆	MS-LR-D7-AD1-KD-AS	Pressure regulation range 0.5 12 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), rotary knob underneath, standard rotary knob with detent, lockable with accessories
☆	NPT p					erican Pro esto Gern				nits wi	th NPT ported connecting pl	ates are available through North American Produc-
-			esto Gerr able Fest			igurable (	option					

Overvi	ew list		ce units		6 & MS	B4/6N						
MSB			O-G Port					Porting				
CODE		SB4		MSB6		MSE	_		36N		Туре	Description
Droccus		1/4	1/4 LR (cont)	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
N19	re regula	☆	£R (COHL,	<i>↑</i>	☆	<b>←</b>	☆	<b>←</b>	<b>←</b>	☆	MS-LR-D5-AD7-AS	Pressure regulation range 0.3 4 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
N20	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D6-AD7-AS	Pressure regulation range 0.3 7 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
N21	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D7-AD7-AS	Pressure regulation range 0.5 12 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories
N22	☆	☆	☆	☆	☆	<b>←</b>	☆	<b>←</b>	<b>←</b>	☆	MS-LR-D5-AD7-KD-AS	Pressure regulation range 0.3 4 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), rotary knob underneath, standard rotary knob with detent, lockable with accessories
N23	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D6-AD7-KD-AS	Pressure regulation range 0.3 7 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), rotary knob underneath, standard rotary knob with detent, lockable with accessories
N24	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	MS-LR-D7-AD7-KD-AS	Pressure regulation range 0.5 12 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), rotary knob underneath, standard rotary knob with detent, lockable with accessories
N28	-	-	•	•		-	-	•	•	•	MS-LR-D5-VS-DM2	Pressure regulation range 0.3 4 bar, cover plate, large rotary knob pressure gauge
N29	-	-	•	•		-	-	•	•	•	MS-LR-D6-VS-DM2	Pressure regulation range 0.3 7 bar, cover plate, large rotary knob pressure gauge
N30	-	-	•	•	•	-	-	•	•	•	MS-LR-D7-VS-DM2	Pressure regulation range 0.5 12 bar, cover plate, large rotary knob pressure gauge
N31	☆	☆	-	-	-	•	•	-	-	-	MS-LR-D5-VS-DM1	Pressure regulation range 0.3 4 bar, cover plate, small rotary knob pressure gauge
N32	☆	☆	-	-	-	•	•	-	-	-	MS-LR-D6-VS-DM1	Pressure regulation range 0.3 7 bar, cover plate, small rotary knob pressure gauge
N33	☆	☆	-	-	-	•	•	-	-	-	MS-LR-D7-VS-DM1	Pressure regulation range 0.5 12 bar, cover plate, small rotary knob pressure gauge
N47	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LR-D5-RG-AS	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
N48	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LR-D6-RG-AS	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
N49	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LR-D7-RG-AS	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories
N50	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LR-D5-A8-AS	Pressure regulation range 0.3 4 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LR-D5-A4-AS	Pressure regulation range 0.3 4 bar, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
N51	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LR-D6-A8-AS	Pressure regulation range 0.3 7 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LR-D6-A4-AS	Pressure regulation range 0.3 7 bar, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
☆						erican Pro						
<b>←</b>	tion F	acility.				esto Gerr	many. M	etric po	rted ui	nits wi	th NPT ported connecting	plates are available through North American Produc-
•			esto Gerr			G						
-	Not a	n availa	ible Fest	o desigr	or cont	figurable	option					

Overvi	ew list	- Servi	ce units	MSB4/	6 & MS	B4/6N						
MCD		IS	O-G Port	ting			NPT	Porting	3			
MSB CODE		SB4		MSB6		MSB	·		36N		Туре	Description
		1/4	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
	e regula	ator MS-I	LR (cont	)		ı					I	
N52	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LR-D7-A8-AS	Pressure regulation range 0.5 12 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LR-D7-A4-AS	Pressure regulation range 0.5 12 bar, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories
N59	☆	☆	☆	☆	☆	<b>←</b>	<b>←</b>	<b>←</b>	<b>←</b>	<b>←</b>	MS-LR-D5-MPA-AS	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with outer scale in MPa, standard rotary knob with detent, lockable with accessories
N60	$\Rightarrow$	☆	☆	☆	☆	<b>←</b>	<b>←</b>	<b>←</b>	<b>←</b>	<b>←</b>	MS-LR-D6-MPA-AS	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in MPa, standard rotary knob with detent, lockable with accessories
Pressur	e regula	tor MS-I	LRB									
01	1	☆	-	-	☆	-	☆	-	-	<b>←</b>	MS-LRB-D5-AS	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pressure output to rear/ front without angled outlet block
02	-	☆	-	-	☆	-	☆	-	-	☆	MS-LRB-D6-AS	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pressure output to rear/ front without angled outlet block
03	-	☆	-	-	•	-	<b>←</b>	-	-	•	MS-LRB-D7-AS	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
04	-	☆	-	-	☆	-	☆	-	-	<b>←</b>	MS-LRB-D5-AS-BD	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pressure output to rear/ front with angled outlet block QS-8
05	-	☆	-	-	☆	-	☆	-	-	☆	MS-LRB-D6-AS-BD	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pressure output to rear/ front with angled outlet block QS-8
06	-	☆	-	-	•	-	<b>←</b>	-	-	•	MS-LRB-D7-AS-BD	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pressure output to rear/front with angled outlet block QS-8
07	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LRB-D5-A8-AS	Pressure regulation range 0.3 4 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LRB-D5-A4-AS	Pressure regulation range 0.3 4 bar, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
08	-	☆	-	-	-	-	<b>←</b>	-	-	-	MS-LRB-D6-A8-AS	Pressure regulation range 0.3 7 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LRB-D6-A4-AS	Pressure regulation range 0.3 7 bar, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
☆						erican Pro						
<b>←</b>	tion F	acility.				esto Gern	nany. M	etric po	rted ur	nits wi	th NPT ported connecting	plates are available through North American Produc-
•			esto Gerr									
-	Not a	n availa	ible Fest	o desigr	n or conf	figurable	option					

					6 & MSI	J4/ OIL	No-	D- (*			_	
MSB			O-G Por			1460		Porting				5
CODE		SB4		MSB6		MSB			B6N		Туре	Description
	1/8		1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
<u>Pressu</u> 09	re regula	ator MS-	- LKR	-	-	-	<b>←</b>	-	-	-	MS-LRB-D7-A8-AS	Pressure regulation range 0.5 12 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-LRB-D7-A4-AS	Pressure regulation range 0.5 12 bar, adapter plate for G1/4 EN pressure gauge (without pressure gauge), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
010	-	☆	-	-	☆	-	☆	-	-	<b>←</b>	MS-LRB-D5-AD1-AS	Pressure regulation range 0.3 4 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories, pressure output to rear/ front without angled outlet block
011	-	☆	-	-	☆	-	☆	-	-	☆	MS-LRB-D6-AD1-AS	Pressure regulation range 0.3 7 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories, pressure output to rear/ front without angled outlet block
012	-	☆	-	-	•	1	<b>←</b>	1	-	•	MS-LRB-D7-AD1-AS	Pressure regulation range 0.5 12 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
013	-	☆	-	-	☆	-	☆	1	-	<b>←</b>	MS-LRB-D5-AD1-AS-BD	Pressure regulation range 0.3 4 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories, pressure output to rear/ front with angled outlet block QS-8
014	-	☆	-	-	☆	-	☆	-	-	☆	MS-LRB-D6-AD1-AS-BD	Pressure regulation range 0.3 7 bar, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), standard rotary knob with detent, lockable with accessories, pressure output to rear/ front with angle
015	-	☆	-	-	•	-	<b>←</b>	-	-	•	MS-LRB-D7-AD1-AS-BD	Pressure regulation range 0.5 12 bar, pressure sensor with LCD display (plug M8, 1 switching out put PNP, 3-pin), standard rotary knob with detent, lockable with accessories, pressure output to rear/front with angled outlet block QS-8
016	-	☆	-	-	☆	-	☆	-	-	<b>←</b>	MS-LRB-D5-VS-KD-AS	Pressure regulation range 0.3 4 bar, cover plate, rotary knob underneath, standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
017	-	☆	-	-	☆	-	☆	•	-	☆	MS-LRB-D6-VS-KD-AS	Pressure regulation range 0.3 7 bar, cover plate, rotary knob underneath, standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
018	-	☆	-	-	•	-	<b>←</b>	-	-	•	MS-LRB-D7-VS-KD-AS	Pressure regulation range 0.5 12 bar, cover plate, rotary knob underneath, standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
019	-	☆	-	-	☆	-	☆	-	-	<b>←</b>	MS-LRB-D5-KD-AS-BD	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, rotary knob underneath, standard rotary knob with detent, lockable with accessories, pressure output to rear/front with angled outlet block QS-8
020	-	☆	-	-	☆	-	☆	-	-	☆	MS-LRB-D6-KD-AS-BD	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, rotary knob underneath, standard rotary knob with detent, lockable with accessories, pressure output to rear/front with angled outlet block QS-8
021	-	☆	-	-	•	-	<b>←</b>	-	-	•	MS-LRB-D7-KD-AS-BD	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, rotary knob underneath, standard rotary knob with detent, lockable with accessor ies, pressure output to rear/front with angled outlet block QS-8
022	-	☆	-	-	☆	-	☆	-	-	<b>←</b>	MS-LRB-D5-AD7-AS	Pressure regulation range 0.3 4 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
★	NPT p	orted u acility.		ilable th	rough F	erican Pro esto Gern				nits wi	th NPT ported connecting p	olates are available through North American Produc-

Overvi	ew list	: - Servi	ce units	MSB4/	6 & MSI	B4/6N							
MSB			O-G Por	ting				Porting					
CODE		SB4		MSB6		MSB	·		B6N		Туре	Description	
Droccus	1/8	1/4 ator MS-I	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2			
023	- regula	☆	-	-	☆	-	☆	-	-	☆	MS-LRB-D6-AD7-AS	Pressure regulation range 0.3 7 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block	
024	-	$\stackrel{\wedge}{\Rightarrow}$	-	-	•	-	<b>←</b>	-	-	•	MS-LRB-D7-AD7-AS	Pressure regulation range 0.5 12 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block	
025	-	☆	-	-	☆	-	☆	-	-	<b>←</b>	MS-LRB-D5-AD7-AS-BD	Pressure regulation range 0.3 4 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories, pressure output to rear/front with angled outlet block QS-8	
026	-	☆	-	-	☆	-	☆	-	-	☆	MS-LRB-D6-AD7-AS-BD	Pressure regulation range 0.3 7 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories, pressure output to rear/front with angled outlet block QS-8	
027	-	☆	-	-		-	<b>←</b>	-	-	•	MS-LRB-D7-AD7-AS-BD	Pressure regulation range 0.5 12 bar, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact), standard rotary knob with detent, lockable with accessories, pressure output to rear/front with angled outlet block QS-8	
028	-	-	-	-	•	-	-	-	-	•	MS-LRB-D5-VS-DM2	Pressure regulation range 0.3 4 bar, cover plate, large rotary knob pressure gauge, pressure output to rear/front without angled outlet block	
029	-	-	-	-	•	-	-	-	-	•	MS-LRB-D6-VS-DM2	Pressure regulation range 0.3 7 bar, cover plate, large rotary knob pressure gauge, pressure output to rear/front without angled outlet block	
030	-	-	-	-	•	-	-	-	-	•	MS-LRB-D7-VS-DM2	Pressure regulation range 0.5 12 bar, cover plate, large rotary knob pressure gauge, pressure output to rear/front without angled outlet block	
031	-	•	-	-	-	-	•	-	-	-	MS-LRB-D5-VS-DM1	Pressure regulation range 0.3 4 bar, cover plate, small rotary knob pressure gauge, pressure output to rear/front without angled outlet block	
032	-	•	-	-	-	-	•	-	-	-	MS-LRB-D6-VS-DM1	Pressure regulation range 0.3 7 bar, cover plate, small rotary knob pressure gauge, pressure output to rear/front without angled outlet block	
033	-	•	-	-	-	-	•	-	-	-	MS-LRB-D7-VS-DM1	Pressure regulation range 0.5 12 bar, cover plate, small rotary knob pressure gauge, pressure output to rear/front without angled outlet block	
034	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D5-RG-AS	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pres sure output to rear/front without angled outlet block	
035	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D6-RG-AS	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pres sure output to rear/front without angled outlet block	
036	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D7-RG-AS	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pres sure output to rear/front without angled outlet block	
037	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D5-RG-AS-BD	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pres sure output to rear/front with angled outlet block QS-8	
038	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D6-RG-AS-BD	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pres sure output to rear/front with angled outlet block QS-8	
☆	Available and produced in North American Production Facility												
$\leftarrow$	NPT ported units available through Festo Germany. Metric ported units with NPT ported connecting plates are available through North American Production Facility.												
•	Produced in Festo Germany only!												
-	Not a	n availa	ble Fest	o design	or conf	figurable	option						

	CW (15)		ce units		0 0K IVI 3 I	D4/ 014	NDT	Dat.				
MSB	MAC		O-G Port			MCD		Porting			_	Di-ti
ODE		B4 1 1 / 4	1//	MSB6	1/2	MSB			36N	1/2	Туре	Description
receir	1/8	1/4 ator MS-I	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
)39	<u> </u>	₩3-I	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D7-RG-AS-BD	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, standard rotary knob with detent, lockable with accessories, pres sure output to rear/front with angled outlet block QS-8
040	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D5-MPA-AS	Pressure regulation range 0.3 4 bar, integrated MS pressure gauge with outer scale in MPa, stand ard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
041	-	☆	-	-	☆	-	<b>←</b>	-	-	<b>←</b>	MS-LRB-D6-MPA-AS	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in MPa, stand ard rotary knob with detent, lockable with accessories, pressure output to rear/front without angled outlet block
Precisio	n press	ure regu	lator MS-	LRP								
21	-	-	☆	☆	☆	-	-	☆	☆	☆	MS-LRP-D2-A8	Pressure regulation range 0.05 0.7 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent
2	-	-	☆	☆	☆	-	-	☆	☆	☆	MS-LRP-D4-A8	Pressure regulation range 0.05 2.5 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent
93	-	-	$\Rightarrow$	☆	$\Rightarrow$	-	-	☆	☆	☆	MS-LRP-D5-A8	Pressure regulation range 0.1 4 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent
P4	-	-	☆	☆	☆	-	-	☆	☆	☆	MS-LRP-D7-A8	Pressure regulation range 0.1 12 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge) standard rotary knob with detent
	n press	ure regu	lator MS-	LRPB	ı	I	1	Ι	Ι		1.0.1000 00.40	
₹1	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D2-A8	Pressure regulation range 0.05 0.7 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front without angled outlet block
R2	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D4-A8	Pressure regulation range 0.05 2.5 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front without angled outlet block
83	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D5-A8	Pressure regulation range 0.1 4 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge) standard rotary knob with detent, pressure output to rear/front without angled outlet block
84	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D7-A8	Pressure regulation range 0.1 12 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge) standard rotary knob with detent, pressure output to rear/front without angled outlet block
₹5	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D2-A8-BD	Pressure regulation range 0.05 0.7 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-8
₹6	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D4-A8-BD	Pressure regulation range 0.05 2.5 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-8
R7	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D5-A8-BD	Pressure regulation range 0.1 4 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge) standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-8
88	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D7-A8-BD	Pressure regulation range 0.1 12 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge) standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-8
89	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D2-A8-BE	"Pressure regulation range 0.05 0.7 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-10"
R10	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D4-A8-BE	"Pressure regulation range 0.05 2.5 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-10"
☆						erican Pro					d No.	
←			ınits ava	ilable th	rough F	esto Gern	nany. M	etric po	rted u	nits wi	th NPT ported connecting	plates are available through North American Produc
		acility.	esto Geri	many or	lyl							
-						figurable (	ontion					

Overvi	ew list	- Servi	ice units	MSB4/	6 & MS	B4/6N		-		-			
		IS	O-G Por	ting			NPT	Porting	g				
MSB CODE	MS	SB4		MSB6		MSB	4N	MSI	= B6N		Туре	Description	
CODE	1/8	1/4	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		·	
Pressur	e regula	tor MS-	LRB										
R11	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D5-A8-BE	Pressure regulation range 0.1 4 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-10	
R12	-	-	-	-	•	-	-	-	-	•	MS-LRPB-D7-A8-BE	Pressure regulation range 0.1 12 bar, adapter plate for G1/8 EN pressure gauge (without pressure gauge), standard rotary knob with detent, pressure output to rear/front with angled outlet block QS-10	
Electric	pressur	e regula	tor MS-LF	RE (not w	th EX2/E	X4 EU cert	ification)						
S1	-	-	-	-	•	-	-	-	-	•	MS-LRE-D6	Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi	
S2	-	-	-	-	•	-	-	-	-	•	MS-LRE-D7	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi	
S3	-	-	-	-	•	-	-	-	-	•	MS-LRE-D6-PI	"Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, electrical pressure output (integrated pressure sensor with current output, plug M8x1, 3-pin)"	
S4	-	-	-	-	•	-	-	-	-	•	MS-LRE-D7-PI	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, electrical pressure output (integrated pressure sensor with current output, plug M8x1, 3-pin)	
S5	-	-	-	-	•	-	-	-	-	•	MS-LRE-D6-PU	"Pressure regulation range 0.3 7 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, electrical pressure output (integrated pressure sensor with voltage output, plug M8x1, 3-pin)"	
S6	-	-	-	-	•	-	-	-	-	•	MS-LRE-D7-PU	Pressure regulation range 0.5 12 bar, integrated MS pressure gauge with outer scale in bar and inner scale in psi, electrical pressure output (integrated pressure sensor with voltage output, plug M8x1, 3-pin)	
Flow se	nsor SF	ΔM	<u></u>										
U5	-	-	-	-	•	-	-	-	-	•	SFAM-1000-M-2SA-M12	Flow measuring range 10 1,000 l/min, electrical output (2x PNP or NPN, 1 analogue output 4 20 mA), electrical connection (plug M12x1, 5-pin)	
U6	-	-	-	-	•	-	-	-	-		SFAM-1000-M-2SV-M12	Flow measuring range 10 1,000 l/min, electrical output (2x PNP or NPN, 1 analogue output 0 10 V), electrical connection (plug M12x1, 5-pin)	
U7	-	-	-	-	•	-	-	-	-	•	SFAM-3000-M-2SA-M12	Flow measuring range 30 3,000 l/min, electrical output (2x PNP or NPN, 1 analogue output 4 20 mA), electrical connection (plug M12x1, 5-pin)	
U8	-	-	-	-	•	-	-	-	-	•	SFAM-3000-M-2SV-M12	Flow measuring range 30 3,000 l/min, electrical output (2x PNP or NPN, 1 analogue output 0 10 V), electrical connection (plug M12x1, 5-pin)	
U9	-	-	-	-	•	-	-	-	-	•	SFAM-5000-M-2SA-M12	Flow measuring range 50 5,000 l/min, electrical output (2x PNP or NPN, 1 analogue output 4 20 mA), electrical connection (plug M12x1, 5-pin)	
U10	-	-	-	-	•	-	-	-	-	•	SFAM-5000-M-2SV-M12	Flow measuring range 50 5,000 l/min, electrical output (2x PNP or NPN, 1 analogue output 0 10 V), electrical connection (plug M12x1, 5-pin)	
	art and e	xhaust v	valve MS-	SV (not w	ith EX2/	EX4 EU cer	tification	)	,				
V1	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-SV-E-10V24-SO-AG	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, open silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi, without multi-pin plug sockeT	
V2	-	-	-	-	☆	-	-	-	-	<b>←</b>	MS-SV-E-10V24-AG	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, without silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi, without multi-pin plug socket	
V3	-	-	-	-	☆	_	-	-	-	<b>←</b>	MS-SV-E-10V24-AD1	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, without silencer, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), without multi-pin plug socket	
V4	-	-	-	-	•	-	-	-	-	-	MS-SV-E-10V24-SO-AD1  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, open silencer, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), without multi-pin plug socket	
☆	Available and produced in North American Production Facility												
<b>←</b>	NPT ported units available through Festo Germany. Metric ported units with NPT ported connecting plates are available through North American Production Facility.												
•			esto Geri										
-	Not a	n availa	able Fest	o desigr	or cont	figurable	option						

			ce units					n				
MSB			O-G Port					Porting			_	
CODE		SB4		MSB6	4.6	MSB			B6N		Туре	Description
Coft -t	1/8	1/4	1/4	3/8	1/2	1/8 EX4 EU cer	1/4	1/4	3/8	1/2		
50π-sta V5	irt and e	exnaust v	aive MS-S	ov (not w	ith EX2/	EX4 EU cer	lincation	)			MS-SV-E-10V24-SO-AG-MP1	Performance level "e", supply voltage 24 V DC, oper-
• •	-	-	-	-	•	-	-	-	-	-	Local Production - Coming Soon	ating pressure 3.5 10 bar, open silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi, multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static)
V6	-	-	-	•	•	-	-	-	-	-	MS-SV-E-10V24-AG-MP1  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, without silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi, multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static)
V7	-	-	-	-	•	-	-	-	-	-	MS-SV-E-10V24-AD1-MP1  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, without silencer, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static)
V8	-	-	-	-	•	-	-	-	-	-	MS-SV-E-10V24-SO-AD1-MP1  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, open silencer, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static)
V12	-	-	-		☆	-	-	-	-	<b>←</b>	MS-SV-C-10V24-S	Performance level "c", supply voltage 24 V DC, operating pressure 3 10 bar, electrical connection to EN 175301-803 (plug connector, 2-pin, type C), silencer, cover plate
V22	-	-	-	-	•	-	-	-	-	-	MS-SV-C-10V24-S-AD7  Local Production - Coming Soon	Performance level "c", supply voltage 24 V DC, operating pressure 3 10 bar, electrical connection to EN 175301-803 (plug connector, 2-pin, type C), silencer, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
V27	-	-	-	-	•	-	-	-	-	-	MS-SV-E-ASIS-AG	Performance level "e", supply voltage 22 31.6 V DC (AS-I Safety at Work, SPEC 3.0, Profile 7.5.5), operating pressure 3.5 10 bar, without silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi
V28	-	-	-	-	•	-	-	-	-	-	MS-SV-E-ASIS-SO-AG	Performance level "e", supply voltage 22 31.6 V DC (AS-I Safety at Work, SPEC 3.0, Profile 7.5.5), operating pressure 3.5 10 bar, open silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi
V31	-	-	-	-	•	-	-	-	-	-	MS-SV-E-10V24-SO-AG-MP3  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, open silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi, multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static, short-circuit detection possible)
V32	- 1	-	-	1	•	-	-	-	-	-	MS-SV-E-10V24-AG-MP3  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, without silencer, integrated MS pressure gauge with outer scale in bar and inner scale in psi, multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static, short-circuit detection possible)
V33	-	-	-	-	•	-	-	-	-	-	MS-SV-E-10V24-AD1-MP3  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, without silencer, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static, short-circuit detection possible)
V34	-	-	-	-	•	-	-	-	-	-	MS-SV-E-10V24-SO-AD1-MP3  Local Production - Coming Soon	Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, open silencer, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static, short-circuit detection possible)
V35	-	-	-	-	•	-	-	-	-	-	MS-SV-C-10V24P-S  Local Production - Coming Soon	Performance level "c", supply voltage 24 V DC, operating pressure 3 10 bar, electrical connection to IEC 61076-2-101 (plug connector M12x1, 2-pin), silencer, cover plate
V36	-	-	-	-	•	-	-	-	-	-	MS-SV-C-10V24P-S-AD7  Local Production - Coming Soon	Performance level "c", supply voltage 24 V DC, operating pressure 3 10 bar, electrical connection to IEC 61076-2-101 (plug connector M12x1, 2-pin), silencer, pressure sensor with operational status indicator (plug M8, threshold value comparator, PNP, N/O contact)
<b>☆</b>	NPT p	orted u acility.	ınits avai	ilable th	rough F	erican Pro esto Gern				nits wi	th NPT ported connecting plat	tes are available through North American Produc-
0	Produced in Festo Germany only!  Not an available Festo design or configurable option											

Local Production - Coming   Soon	Overvi	Overview list - Service units MSB4/6 & MSB4/6N													
MSS-VE-10724-2-7341.   17.0   18.0   17.0	MCD		IS	O-G Port	ting			NPT	Porting	3					
18   116   116   116   116   117   118   118			B4		MSB6		MSB	4N	MSE	36N		Туре	Description		
V39 V39 V30										3/8	1/2				
Without alleren, cover plate  Wis SVD-10724-27/8-50-AD  Placel Production - Coming Soon  Wis SVD-10724-77/8-25-AD  Wis SVD-10724-78/8-25-AD  Wis SVD		art and e	xhaust \	valve MS-	SV (not w	ith EX2/I	EX4 EU cer	tification.	<u>-</u>	_	_	Local Production - Coming	Performance level "d", supply voltage 24 V DC, operating pressure 3.5 10 bar, electrical connection to EN 175301-803 (2 x plug connectors, 2-pin, type C), 2 proximity sensors SMT with cable (plug connector		
Cocal Production - Coming   Source   Community	1/20											MS SVD ANVO COMO SO AS	M8x1, 3-pin, rotatable thread, cable length 0.3 m), without silencer, cover plate		
WS SVE-10V24P-2MI2-SO AG   Podection - Coming   Soon   Soon   WS SVE-10V24P-2MI2-SO AG   Podection - Coming   Soon   WS SVE-10V24P-2DE-SO AG   Podection - Coming	V38	-	-	-	-	•	-	-	-	-	-	Local Production - Coming	operating pressure 3.5 10 bar, electrical connection to EN 175301-803 (2 x plug connectors, 2-pin, type C), 2 proximity sensors SMT with cable (plug connector M8x1, 3-pin, rotatable thread, cable length 0.3 m), open silencer, integrated MS pressure gauge with		
Vac   Son	V39											MS-SV-D-10V24P-2M12-SO-AG	Performance level "d", supply voltage 24 V DC, oper-		
V41  V42  V43  V44  V45  V46  V46  V47  V46  V47  V47  V47  V47		-	-	-	-	•	-	-	-	-	-		IEC 61076-2-101 (2 x plug connectors M12x1, 2-pin), 2 proximity sensors SMT with cable (plug connector M12x1, 3-pin, rotatable thread, cable length 0.3 m), open silencer, integrated MS pressure gauge with		
V41  V42  V43  V44  V45  V46  V47  V47  V47  V47  V47  V47  V47	V40											MS-SV-D-10V24P-20E-SO-AG			
Was SvE-10v24-SO.AG-MPS   Performance level **e*, supply voltage 24 V DC, operating pressure 3 10 bar, open silencer, integrated MS pressure gauge with outer scale in ps. multi-pin plug socket (Sub-Son Son Son Son Son Son Son Son Son Son		-	-	-	-	•	-	-	-	-	-		to IEC 61076-2-101 (2 x plug connectors M12x1, 2-pin), 2 proximity sensors SMT with cable (open end, 3-wire, cable length 5 m), open silencer, integrated MS pressure gauge with outer scale in bar and inner		
MS-SV-E-10V24-AG-MP5   Performance level **e**, supply voltage 24 V DC, operating pressure 3.5. = 10 bar, one shale signals from supply voltage)	V41	-	-	-	-	•	-	_	-	-	-	Local Production - Coming			
Adailable and produced in North American Production Facility  Available and produced in North American Production Facility  NPT ported units available through Festo Germany, Metric ported units with NPT ported connecting plates are available through North American Production Facility  Production Facility  Available and produced in North American Production Facility	V42												supply voltage)  Performance level "e", supply voltage 24 V DC, operating pressure 3.5 10 bar, without silencer,		
Local Production - Coming Soon  MS-SV-E-10V24-50-AD1-MP5 Local Production - Coming Soon  MS-SV-E-10V24-SO-AD1-MP5 Local Production - Coming Soon  MS-SV-E-10V24-RG Local Production - Coming Soon  MS-SV-E-10V24-SO-RG Local Production - Coming Soon		-	-	-	-	•	-	-	-	-	-		and inner scale in psi, multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static, galvanic isolation of the enable signals from the supply voltage)		
MS-SV-E-10V24-SO-AD1-MP5	V43	-	-	-	-	•	-	-	-	-	-	Local Production - Coming	ating pressure 3.5 10 bar, without silencer, pressure sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static, galvanic isolation of the enable signals from the		
Cocal Production - Coming Soon   Sensor with LCD display (plug M8, 1 switching outp PNP, 3-pin), multi-pin plug socket (Sub-D, 9-pin, PNP, 3-pin, plug socket) (Sub-D, 9-pin, 9-pi	V44											MS-SV-E-10V24-SO-AD1-MP5	Performance level "e", supply voltage 24 V DC, oper-		
ing pressure 3.5 10 bar, without silencer, integral MS pressure gauge with red-green scale with oute scale in bar and inner scale in psi, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket in bar and inner scale in psi, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket in bar and inner scale in psi, without multi-pin plug socket, without multi-pin plug socket without multi-pin plug socket without multi-pin		1	-	-	-	•	-	-	-	-	-		sensor with LCD display (plug M8, 1 switching output PNP, 3-pin), multi-pin plug socket (Sub-D, 9-pin, screw terminal, without cable, enable signals static, galvanic isolation of the enable signals from the		
V46  V46  V47  V47  V47  Available and produced in North American Production Facility  Available and produced in North American Production Facility.  Available and produced in North American Production Facility.  Produced in Festo Germany only!  MS pressure gauge with red-green scale with oute scale in bar and inner scale in psi, without multi-pin plug socket, without multi-pin plug socket with oute scale in bar and inner scale with oute scale in bar and inner scale in psi, without multi-pin plug socket, without multi-pin plug socket with oute scale in bar and inner scale in psi, without multi-pin plug socket, without multi-pin plug socket with oute scale in bar and inner scale in psi, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket, without multi-pin plug socket with outer scale in psi, without multi-pin plug socket, without multi-pin plug socket with open sing pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket with open sing pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green scale with outer scale in psi, without multi-pin plug socket.  MS pressure gauge with red-green	V45											MS-SV-E-10V24-RG			
MS-SV-E-10V24-SO-RG Local Production - Coming Soon  MS pressure gauge with red-green scale with oute scale in bar and inner scale in psi, without multi-pin plug socket  W47  MS pressure gauge with red-green scale with oute scale in bar and inner scale in psi, without multi-pin plug socket  MS-SV-D-10V24-2M8-SO-RG Local Production - Coming Soon  MS-SV-D-10V24-2M8-SO-RG Performance level "d", supply voltage 24 V DC, operating pressure 3.5 10 bar, electrical connect to EN 175301-803 (2 x plug connectors, 2-pin, typt 2 proximity sensors SMT with cable (plug connector M8x1, 3-pin, rotatable thread, cable length 0.3 m), open silencer, integrated MS pressure gauge with red-green scale with outer scale in bar and inner sc in psi  Available and produced in North American Production Facility  NPT ported units available through Festo Germany. Metric ported units with NPT ported connecting plates are available through North American Production Facility.  Produced in Festo Germany only!		-	-	-	-	•	-	-	-	-	-		MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, without multi-pin		
V47  V47  V47  V47  Available and produced in North American Production Facility  NPT ported units available through Festo Germany. Metric ported units with NPT ported connecting plates are available through Festo Germany only!  MS pressure gauge with red-green scale with outer scale in psi, without multi-pi plug socket, without multi-pin plug socket.  MS-SV-D-10V24-2M8-SO-RG  Performance level "d", supply voltage 24 V DC, operating pressure 3.5 10 bar, electrical connect to EN 175301-803 (2 x plug connectors, 2-pin, type 2 proximity sensors SMT with cable (plug connector M8x1, 3-pin, rotatable thread, cable length 0.3 m), open silencer, integrated MS pressure gauge with red-green scale with outer scale in bar and inner so in psi	V46											MS-SV-E-10V24-SO-RG	Performance level "e", supply voltage 24 V DC, oper-		
MS-SV-D-10V24-2M8-SO-RG  Local Production - Coming Soon  MS-SV-D-10V24-2M8-SO-RG  Performance level "d", supply voltage 24 V DC, operating pressure 3.5 10 bar, electrical connect to EN 175301-803 (2 x plug connectors, 2-pin, type 2 proximity sensors SMT with cable (plug connector M8x1, 3-pin, rotatable thread, cable length 0.3 m), open silencer, integrated MS pressure gauge with red-green scale with outer scale in bar and inner so in psi  Available and produced in North American Production Facility  NPT ported units available through Festo Germany. Metric ported units with NPT ported connecting plates are available through North American Production Facility.  Produced in Festo Germany only!		-	-	-	-	•	-	-	-	-	-		MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi, without multi-pin		
<ul> <li>NPT ported units available through Festo Germany. Metric ported units with NPT ported connecting plates are available through North American Prodition Facility.</li> <li>Produced in Festo Germany only!</li> </ul>	V47	-	-	-	-	•	-	-		-	-	Local Production - Coming	Performance level "d", supply voltage 24 V DC, operating pressure 3.5 10 bar, electrical connection to EN 175301-803 (2 x plug connectors, 2-pin, type C), 2 proximity sensors SMT with cable (plug connector M8x1, 3-pin, rotatable thread, cable length 0.3 m), open silencer, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale		
tion Facility. Produced in Festo Germany only!	☆	NPT norted units available through Fosto Germany, Metric ported units with NPT norted connecting plates are available through North American Produc-													
Produced in Festo Germany only!	<b>←</b>														
	•														
	-						figurable (	option							

Overvi	ew list	- Servi	ce units	MSB4/	6 & MS	B4/6N						
		IS	O-G Port	ing			NPT	Porting	3			
MSB CODE	MS	B4		MSB6		MSB	MSI	MSB6N		Туре	Description	
CODE	1/8	1/4	1/4	3/8	1/2	1/8	1/4	1/4	3/8	1/2		
Soft-sta	art and e	xhaust v	alve MS-S	SV (not w	ith EX2/	EX4 EU cer	tification	)				
V48											MS-SV-D-10V24P-2M12-SO-RG  Local Production - Coming Soon	Performance level "d", supply voltage 24 V DC, operating pressure 3.5 10 bar, electrical connection to IEC 61076-2-101 (2 x plug connectors M12x1, 2-pin), 2 proximity sensors SMT with cable (plug connector M12x1, 3-pin, rotatable thread, cable length 0.3 m), open silencer, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi
V49	-	-	-	-	•	-	-	-	-	-	MS-SV-D-10V24-20E-SO-RG  Local Production - Coming Soon	Performance level "d", supply voltage 24 V DC, operating pressure 3.5 10 bar, electrical connection to EN 175301-803 (2 x plug connectors, 2-pin, type C), 2 proximity sensors SMT with cable (open end, 3-wire, cable length 5 m), open silencer, integrated MS pressure gauge with red-green scale with outer scale in bar and inner scale in psi
Precisio	n pressi	ure regu	lator MS-I	LRPB								
W1	-	-	☆	*	☆	-	_	*	☆	☆	MS-LWS-U-V	Metal bowl, fully automatic condensate drain
☆	Availa	ble and	d produc	ed in No	orth Ame	erican Pro	duction	Facility	/			
<b>←</b>	Available and produced in North American Production Facility  NPT ported units available through Festo Germany. Metric ported units with NPT ported connecting plates are available through North American Production Facility.											
•	Produced in Festo Germany only!											
_	Not an available Festo design or configurable option											

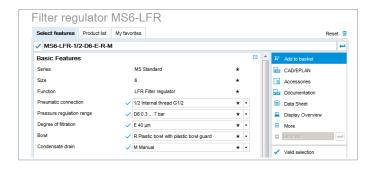


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