

Air preparation - MS series

fast
TRACK™

FESTO



Integrated lockability for lock out tag out & to prevent tampering with set pressures.

Suitable for standard applications as well as applications with very high air quality requirements.

Available as individual components or pre-assembled combinations ex-stock.



**Small size,
Large flow**

Equipped with newly redesigned auto-drain with higher reliability and enhanced performance

Incorporate the MS6-SV safety valves for fast and reliable exhausting of systems up to Performance Level d or e, certified to EN ISO 13849-1



LR-Regulator



Size	Housing material	Port size	Pressure gauge scale	Weight [g]	Flow [l/m]	Part number	Type	
MS4 	LR regulator, regulating range 0.3 ... 4.0 Bar							
	Metal	G1/4	bar/psi	225	2100	529415 ★	MS4-LR-1/4-D5-AS	
		1/4 NPT				531418	MS4N-LR-1/4-D5-AS	
	LR regulator, regulating range 0.3 ... 7 bar							
	Metal	G1/4	bar/psi	225	1800	529417 ★	MS4-LR-1/4-D6-AS	
		1/4 NPT				531422	MS4N-LR-1/4-D6-AS	
	LR regulator, regulating range 0.5 ... 10.0 Bar							
	Metal	G1/4	bar/psi	225	1700	529419 ★	MS4-LR-1/4-D7-AS	
		1/4 NPT				531426	MS4N-LR-1/4-D7-AS	
MS6 	LR regulator, regulating range 0.3 ... 4.0 Bar							
	Metal	G1/2	bar/psi	730	7500	529989 ★	MS6-LR-1/2-D5-AS	
		1/2 NPT				531443	MS6N-LR-1/2-D5-AS	
	LR regulator, regulating range 0.3 ... 7.0 Bar							
	Metal	G1/2	bar/psi	730	6500	529991 ★	MS6-LR-1/2-D6-AS	
		1/2 NPT				531449	MS6N-LR-1/2-D6-AS	
	LR regulator, regulating range 0.5 ... 10.0 Bar							
	Metal	G1/2	bar/psi	730	5500	529993 ★	MS6-LR-1/2-D7-AS	
		1/2 NPT				531455	MS6N-LR-1/2-D7-AS	

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LWS - Water Separator								
Size	Housing material	Port size	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/2	Automatic	820	3800	529679	MS6-LWS-1/2-U-V	
		1/2 NPT				564873	MS6N-LWS-1/2-U-V	

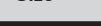
LF-Filter									
Size	Housing material	Port size	Filtration level [µm]	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	5	Manual	189	1300	529395 ★	MS4-LF-1/4-CRM	
				Auto			529397 ★	MS4-LF-1/4-CRV	
			40	Manual		1700	529399 ★	MS4-LF-1/4-ERM	
				Auto			529401 ★	MS4-LF-1/4-ERV	
		1/4 NPT	5	Manual		1300	531489	MS4N-LF-1/4-CRM	
				Auto			531493	MS4N-LF-1/4-CRV	
			40	Manual		1700	531485	MS4N-LF-1/4-ERM	
				Auto			531481	MS4N-LF-1/4-ERV	
MS6 	Metal	G1/2	5	Manual	500	3200	529607 ★	MS6-LF-1/2-CRM	
				Auto			529609 ★	MS6-LF-1/2-CRV	
			40	Manual		4100	529615 ★	MS6-LF-1/2-ERM	
				Auto			529617 ★	MS6-LF-1/2-ERV	
		1/2 NPT	5	Manual		3200	531526	MS6N-LF-1/2-CRM	
				Auto			531532	MS6N-LF-1/2-CRV	
			40	Manual		4100	531520	MS6N-LF-1/2-ERM	
				Auto			531514	MS6N-LF-1/2-ERV	

LFM-Filter									
Size	Housing material	Port size	Filtration level [µm]	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type	
 MS4	Metal	G1/4	1	Manual	190	360	529461	MS4-LFM-1/4-BRM	
			0.01				529459	MS4-LFM-1/4-ARM	
		1/4 NPT	1				531810	MS4N-LFM-1/4-BRM	
			0.01				531812	MS4N-LFM-1/4-ARM	
 MS6		G1/2	1		600	950	529659	MS6-LFM-1/2-BRM	
			0.01			900	529655	MS6-LFM-1/2-ARM	
		1/2 NPT	1			950	531849	MS6N-LFM-1/2-BRM	
			0.01			900	531861	MS6N-LFM-1/2-ARM	

LFX-Filter									
Size	Housing material	Port size	Filtration level [µm]	Condensate draining	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	Active carbon	Manual	190	360	529467	MS4-LFX-1/4-R	
		1/4 NPT					531764	MS4N-LFX-1/4-R	
MS6 		G1/2			600	900	529679	MS6-LFX-1/2-R	
		1/2 NPT					531921	MS6N-LFX-1/2-R	

EM1 - On/Off valve								
Size	Housing material	Port size	With silencer	Weight [g]	Flow rate [l/m]	Part number	Type	
 MS4	Metal	G1/4	Yes	210	2200	541259 	MS4-EM1-1/4-S	
			No	190		541258 	MS4-EM1-1/4	
		1/4 NPT	Yes	210		541281	MS4N-EM1-1/4-S	
			No	190		541280	MS4N-EM1-1/4	
 MS6		G1/2	Yes	655	8700	541268 	MS6-EM1-1/2-S	
			No	580		541267 	MS6-EM1-1/2	
		1/2 NPT	Yes	655		541290	MS6N-EM1-1/2-S	
			No	580		541289	MS6N-EM1-1/2	

EE - Electric On/Off valve									
Size	Housing material	Port size	Voltage	With silencer	Weight [g]	Flow rate [l/m]	Part number	Type	
 MS4	Metal	G1/4	10V24	Yes	289	2000	542598 	MS4-EE-1/4-10V24-S	
				No	273		542578 	MS4-EE-1/4-10V24	
		1/4 NPT		Yes	289		542608	MS4N-EE-1/4-10V24-S	
				No	273		542588	MS4N-EE-1/4-10V24	
 MS6		G1/2		1/2 NPT	Yes	816	7000	542602 	MS6-EE-1/2-10V24-S
					No	740		542582 	MS6-EE-1/2-10V24
					Yes	816		542612	MS6N-EE-1/2-10V24-S
					No	740		542593	MS6N-EE-1/2-10V24

DL - Soft Start - Pneumatically Actuated							
Size	Housing material	Port size	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	213	2000	529531	MS4-DL-1/4	
		1/4 NPT			531991	MS4N-DL-1/4	
MS6 		G1/2	650	6450	529817	MS6-DL-1/2	
		1/2 NPT			532024	MS6N-DL-1/2	

FRM - Distributor Block									
Size	Housing material	Port size	Outlet port size	Body width [mm]	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	G1/4	40	165	500 - 4600	529555 	MS4-FRM-1/4	
		1/4 NPT	1/4 NPT				531949	MS4N-FRM-1/4	
MS6 		G1/2	G1/2	62	458	2700 - 14700	529853 	MS6-FRM-1/2	
		1/2 NPT	1/2 NPT				531966	MS6N-FRM-1/2	

FRM - FRZ - Distributor Block									
Size	Housing material	Port size	Outlet port size	Body width [mm]	Weight [g]	Flow rate [l/m]	Part number	Type	
MS4 	Metal	G1/4	G1/4	50	60	4050	549336 	MS4-FRM-FRZ	
		1/4 NPT	1/4 NPT				554101	MS4N-FRM-FRZ	
MS6 		G1/2	G1/2	31	163	14600	549337 	MS6-FRM-FRZ	
		1/2 NPT	1/2 NPT				554102	MS6N-FRM-FRZ	

SV - Safety Valve											
Size	Housing material	Port size	Performance level	Voltage	Sensor connection	With silencer	Weight [g]	Flow rate [l/m]	Part number	Description	
 MS6	Metal	G1/2	C	10V24	n/a	Yes	1006	5700	8001469 	MS6-SV-1/2-C-10V24-S	
			D	10V24	M8	Yes	2110	4300	8038490 	MS6-SV-1/2-D-10V24-2M8-SO-AG	
				10V24P	M12	Yes			8038491 	MS6-SV-1/2-D-10V24P-2M12-SO-AG	
			E	10V24	MPx(order separately)	Yes	2200		548717 	MS6-SV-1/2-E-10V24-SO-AG	
						No			548715 	MS6-SV-1/2-E-10V24-AG	



Please refer to the online catalog → www.festo.com/catalog/MS

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