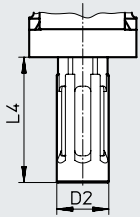


Datasheet

Dimensions – Silencer

Download CAD data → www.festo.com

Type	D2	L4
MS4-EM1-...-S	20	49
MS6-EM1-...-S	28	109

★ Core Range

Ordering data				
Size	Connection	Flow direction	Part no.	Type
MS4	G1/4	From left to right	★ 541258	MS4-EM1-1/4
MS6	G1/2	From left to right	★ 541267	MS6-EM1-1/2
With silencer				
MS4	G1/4	From left to right	★ 541259	MS4-EM1-1/4-S
MS6	G1/2	From left to right	★ 541268	MS6-EM1-1/2-S

Ordering data				
Size	Connection	Flow direction	Part no.	Type
MS4	G1/8	From left to right	541262	MS4-EM1-1/8
	G1/4	From right to left	541261	MS4-EM1-1/4-Z
		From left to right	8183561	MS4-EM1-1/4-F1A ¹⁾
MS6	G1/4	From left to right	541271	MS6-EM1-1/4
	G3/8	From left to right	541275	MS6-EM1-3/8
	G1/2	From right to left	541270	MS6-EM1-1/2-Z
		From left to right	8183562	MS6-EM1-1/2-F1A ¹⁾
With silencer				
MS4	G1/8	From left to right	541263	MS4-EM1-1/8-S
	G1/4	From right to left	541260	MS4-EM1-1/4-S-Z
MS6	G1/4	From left to right	541272	MS6-EM1-1/4-S
	G3/8	From left to right	541276	MS6-EM1-3/8-S
	G1/2	From right to left	541269	MS6-EM1-1/2-S-Z

1) Recommended for production plants for manufacturing lithium-ion batteries

Ordering data – Modular product system

Ordering table		Grid dimension	[mm]	40	62	Conditions	Code	Enter code
Module no.	541266	541279						
Series	Standard						MS	MS
Size	4	6					...	
Function	On/off valve, manual						-EM1	-EM1
Pneumatic connection	Female thread G1/8	–			[1]		-1/8	
	Female thread G1/4	Female thread G1/4			[1]		-1/4	
	–	Female thread G3/8			[1]		-3/8	
	–	Female thread G1/2			[1]		-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	–			[1]		-AQK	
	Connecting plate 1/4 NPT	Connecting plate 1/4 NPT			[1]		-AQN	
	Connecting plate 3/8 NPT	Connecting plate 3/8 NPT			[1]		-AQP	
	–	Connecting plate 1/2 NPT			[1]		-AQR	
	–	Connecting plate 3/4 NPT			[1]		-AQS	
Rotary knob colour	Standard (black/blue)							
	Red						-R	
Silencer	None							
	Silencer						-S	
Pressure gauge/pressure gauge alternatives	None							
	MS pressure gauge, bar						-AG	
	Adapter for EN pressure gauge 1/8, without pressure gauge	–					-A8	
	Adapter for EN pressure gauge 1/4, without pressure gauge						-A4	
	Integrated pressure gauge, red/green scale						-RG	
	Pressure sensor with status indicator, plug M8, threshold value comparator, PNP, N/O contact				[1] [2]		-AD7	
	Pressure sensor with status indicator, plug M8, threshold value comparator, PNP, N/C contact				[1] [2]		-AD8	
	Pressure sensor with status indicator, plug M8, window comparator, PNP, N/O contact				[1] [2]		-AD9	
Pressure sensor with status indicator, plug M8, window comparator, PNP, N/C contact				[1] [2]		-AD10		
Alternative pressure gauge scale	None							
	psi				[3]		-PSI	
	MPa				[4]		-MPA	

[1] 1/8; 1/4; 3/8; 1/2, AQK, AQN, AQP, AQR, AQS, AD7 ... AD10, WPM

[2] AD7 ... AD10 Measuring range max. 10 bar.

[3] PSI Only in combination with pressure gauge AG.

[4] MPA Only in combination with pressure gauge AG or RG.

Ordering data – Modular product system

Ordering table		Grid dimension		Conditions	Code	Enter code
	[mm]	40	62			
Type of mounting	Without mounting bracket					
	Mounting bracket standard design			[5]	-WP	
	Mounting bracket for hooking in service unit components			[1] [5]	-WPM	
	Mounting bracket centrally at rear (wall mounting top and bottom), connecting plates not required				-WB	
	Mounting bracket centrally at rear (wall mounting top), connecting plates not required	-			-WBM	
EU certification	None					
	II 2GD to EU Explosion Protection Directive (ATEX)				-EX4	
UL certification	None					
	cULus, ordinary location for Canada and USA				-UL1	
Flow direction	Flow direction from left to right					
	Flow direction from right to left				-Z	

[1] 1/8; 1/4; 3/8; Not with EU EX4 certification.

1/2, AQK, AQN,
AQR, AQR, AQS,
AD7 ... AD10,
WPM

[5] WP, WPM Only with connecting plate AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQR, AQR or AQS.