

Pressure Gauges MA

Technical Data, Ordering Data

FESTO



Materials
Housing:
MA-23: Brass
MA-27/40/50: Acrylic butadiene
styrene/plastic
MA-63: Steel
Dial cover: Polystyrene/plastic
Threaded plug: Brass



Technical Data			Download CAD data → www.festo.com/us/engineering
Nominal size	27	40	50
Pneumatic connection	M5	G1/8	G1/4
Operating medium	Liquid and gaseous media Not permitted: Oxygen, Acetylene		
Constructional design	Bourdon tube pressure gauge		
Type of mounting	Screw-in		
Connection position	Rear side, center		
Ambient temperature	[°F]	32 ... 140	−4 ... +140
	[°C]	0 ... +60	−20 ... +60
Measurement accuracy class	4	2.5	
Continuous load factor	0.75		
Intermittent load factor	0.66		
Protection class	IP43		

Ordering Data						
Nominal size	For D Series service units	Pneumatic connection	Indicating range		Part No.	Type
			[bar]	[psi]		
27	MICRO	M5	0 ... 10	–	526323	MA-27-10-M5
			–	0 ... 160	527405	MA-27-160-M5-PSI
40	MINI	G1/8	0 ... 10	0 ... 145	359874	MA-40-10-1/8-U
			0 ... 16	0 ... 240	345395	MA-40-16-1/8-U
50	MIDI/MAXI	G1/4	0 ... 10	0 ... 160	359873	MA-50-10-1/4-U
			0 ... 16	0 ... 240	356759	MA-50-16-1/4-U

LT = Lead time

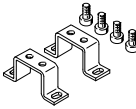
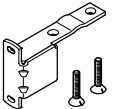
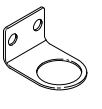
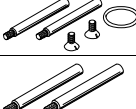
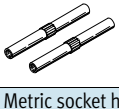
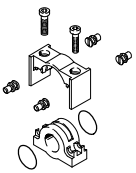
1D typically ships same day/next day

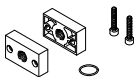
3D typically ships within 3 days

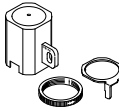
Accessories – Metric Series

Ordering Data

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Ordering Data – Mounting attachments			
Designation	Size	Part No.	Order code
Mounting bracket HFOE			
	Micro	526317	HFOE-D-MICRO
	Mini	159638	HFOE-D-MINI
	Midi/Maxi	159593	HFOE-D-MIDI/MAXI
Mounting bracket HRBK			
	Mini	525031	HRBK-D-MINI
	Midi	525032	HRBK-D-MIDI
Mounting bracket HRB			
	Mini	525029	HRB-D-MINI
	Midi	525030	HRB-D-MIDI
Mounting bracket HR-D			
	Micro	526316	HRS-D-MICRO
	Mini	164936	HR-D-MINI
	Midi	162804	HR-D-MIDI
	Maxi	162805	HR-D-MAXI
Threaded bolt FRB			
	Micro	526817	FRB-D-MICRO
	Mini	159642	FRB-D-MINI
	Midi	159595	FRB-D-MIDI
	Maxi	159643	FRB-D-MAXI
Threaded bolt LF/LOE			
	Mini	546483	LF/LOE-D-MINI
	Midi	546489	LF/LOE-D-MIDI
	Maxi	546494	LF/LOE-D-MAXI
Metric socket head screws			
	Mini	562472	DIN 912-M4X16-8.8
	Midi	562475	DIN 912-M5X18-8.8
	Maxi	562473	DIN 912-M5X20-8.8
Hex nut HMR			
	Micro	526816	HMR-D-MICRO
Connecting kit HRBC			
	Mini	529022	HRBC-D-MINI
	Midi	529023	HRBC-D-MIDI
Sealings			
	Mini	546478	O-12,42X1,78-N-NBR70
	Midi	546474	O-26X2-N-NBR75
	Maxi	546477	LR/LF/LFR/LOE/FRC-D-MAXI

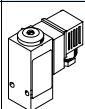
Ordering Data – Connecting plates						
Designation	Size	Conne- ction	Position	Part No.	Order code	
Connecting plates PBL						
	Micro	G1/8	Either	526318	PBL-1/8-D-MICRO	
		QS-4	Either	526321	PBL-QS4-D-MICRO	
		QS-6	Either	526322	PBL-QS6-D-MICRO	
	Mini	G1/8	Left	546495	PBL-1/8-D-MINI-L	
			Right	546496	PBL-1/8-D-MINI-R	
		G1/4	Left	546497	PBL-1/4-D-MINI-L	
			Right	546498	PBL-1/4-D-MINI-R	
		G3/8	Left	546499	PBL-3/8-D-MINI-L	
			Right	546500	PBL-3/8-D-MINI-R	
	Midi	G1/4	Left	546501	PBL-1/4-D-MIDI-L	
			Right	546502	PBL-1/4-D-MIDI-R	
		G3/8	Left	546503	PBL-3/8-D-MIDI-L	
			Right	546504	PBL-3/8-D-MIDI-R	
		G1/2	Left	546505	PBL-1/2-D-MIDI-L	
			Right	546506	PBL-1/2-D-MIDI-R	
		G3/4	Left	546532	PBL-3/4-D-MIDI-L	
			Right	546533	PBL-3/4-D-MIDI-R	
		Maxi	G1/2	Left	546534	PBL-1/2-D-MAXI-L
				Right	546535	PBL-1/2-D-MAXI-R
	G3/4		Left	546507	PBL-3/4-D-MAXI-L	
			Right	546508	PBL-3/4-D-MAXI-R	
	G1		Left	546509	PBL-1-D-MAXI-L	
			Right	546510	PBL-1-D-MAXI-R	

Ordering Data – Safety components			
Designation	Size	Part No.	Order code
Regulator lock LRVS			
	Mini	193781	LRVS-D-MINI
	Midi	193782	LRVS-D-MIDI
	Maxi	193783	LRVS-D-MAXI

Accessories – Metric Series

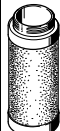
Ordering Data

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Ordering Data – Sensors			
Designation	Connection	Part No.	Order code
Pressure switch PEV Technical Data → 150			
	G $\frac{1}{4}$	10773	PEV- $\frac{1}{4}$ -B

Ordering Data – Connecting Cables NEBU			
Technical data → Internet: nebu			
	Number of wires	Cable length [m]	Part No. Type
M8x1, straight socket			
	3	2.5	541333 NEBU-M8G3-K-2.5-LE3
	4	2.5	541342 NEBU-M8G4-K-2.5-LE4

Ordering Data – Accessories			
Designation	Description	Part No.	Order code
Silencer U Technical Data → 257			
	G $\frac{1}{8}$	6841	U- $\frac{1}{8}$ -B
	G $\frac{1}{4}$	6842	U- $\frac{1}{4}$ -B
	G $\frac{3}{8}$	6844	U- $\frac{3}{8}$ -B

Ordering Data – Filter cartridges			
Designation	Size	Part No.	Order code
Grade of filtration 40 µm			
	Mini	546487	LFP-D-MINI-40M-U
	Midi	546488	LFP-D-MIDI-40M-U
	Maxi	546486	LFP-D-MAXI-40M-U
Grade of filtration 5 µm			
	Micro	526818	LFP-D-MICRO-5M
	Mini	159640	LFP-D-MINI-5M
	Midi	159594	LFP-D-MIDI-5M
	Maxi	159641	LFP-D-MAXI-5M
Grade of filtration 1 µm			
	Mini	162677	MS4/D-MINI-LFM-B
	Midi	162678	LFMBP-D-MIDI
	Maxi	162679	LFMBP-D-MAXI
Grade of filtration 0.01 µm			
	Mini	162674	MS4/D-MINI-LFM-A
	Midi	162675	LFMAP-D-MIDI
	Maxi	162676	LFMAP-D-MAXI