

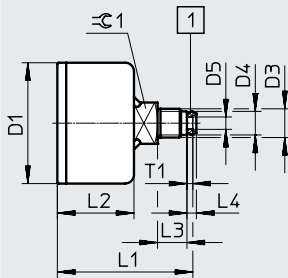
Data sheet

Ordering data						
Nominal size	Pneumatic connection	Operating pressure	Display range		Part no.	Type
			Outer scale	Inner scale		
Display unit [bar]/[psi]						
40	R1/8	0 ... 10 bar	0 ... 10 bar	0 ... 145 psi	162835	MA-40-10-1/8-EN
		0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	529046	MA-40-16-1/8-EN-DPA
		0 ... 25 bar	0 ... 25 bar	0 ... 360 psi	526167	MA-40-25-1/8-EN
	R1/4	0 ... 6 bar	0 ... 6 bar	0 ... 87 psi	187078	MA-40-6-R1/4-EN
		0 ... 10 bar	0 ... 10 bar	0 ... 145 psi	187079	MA-40-10-R1/4-EN
		0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	187080	MA-40-16-R1/4-EN
	G1/4	0 ... 6 bar	0 ... 6 bar	0 ... 87 psi	183899	MA-40-6-G1/4-EN
		0 ... 10 bar	0 ... 10 bar	0 ... 145 psi	183900	MA-40-10-G1/4-EN
		0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	183901	MA-40-16-G1/4-EN
		0 ... 25 bar	0 ... 25 bar	0 ... 360 psi	183902	MA-40-25-G1/4-EN
50	G1/4	0 ... 2.5 bar	0 ... 2.5 bar	0 ... 36 psi	162837	MA-50-2,5-1/4-EN
		0 ... 10 bar	0 ... 10 bar	0 ... 145 psi	162838	MA-50-10-1/4-EN
		0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	162839	MA-50-16-1/4-EN
63	G1/4	0 ... 1 bar	0 ... 1 bar	0 ... 14.5 psi	162844	MA-63-1-1/4-EN

Data sheet

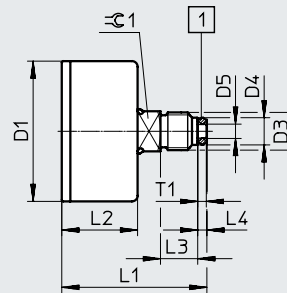
Dimensions

MA-40, G1/8



[1] With pre-fitted aluminium
sealing ring

MA-50, G1/4



[1] With pre-fitted aluminium
sealing ring

Download CAD data → www.festo.com

Type	D1 Ø	D3	D4 Ø	D5 Ø	L1	L2	L3	L4	T1	⌀ 1
MA-40-...1/8	39 -0.2	G1/8	8	4.2	±1	±0.5	+0.3	3.2	2	14
MA-40-...1/4	49	G1/4	9.5	5	50.5	26.5	13		3	

Ordering data

Nominal size	Pneumatic connection	Operating pressure	Display range		Part no.	Type
			Outer scale	Inner scale		
Display unit [bar]/[psi]						
23	R1/8	0 ... 6 bar	0 ... 6 bar	0 ... 87 psi	183896	MA-23-6-R1/8
		0 ... 10 bar	0 ... 10 bar	0 ... 145 psi	183897	MA-23-10-R1/8
		0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	183898	MA-23-16-R1/8
27	R1/8	0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	541733	MA-27-16-R1/8
		0 ... 25 bar	0 ... 25 bar	0 ... 360 psi	541734	MA-27-25-R1/8
40	G1/8	0 ... 10 bar	0 ... 10 bar	0 ... 145 psi	359874	MA-40-10-1/8
		0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	345395	MA-40-16-1/8
50	G1/4	0 ... 10 bar	0 ... 10 bar	0 ... 145 psi	359873	MA-50-10-1/4
		0 ... 16 bar	0 ... 16 bar	0 ... 232 psi	356759	MA-50-16-1/4

Ordering data

Nominal size	Pneumatic connection	Operating pressure	Display range		Part no.	Type
			Outer scale	Inner scale		
Display unit [bar]						
15	M5	0 ... 10 bar	0 ... 10 bar	–	132340	MA-15-10-M5
27	M5	0 ... 10 bar	0 ... 10 bar	–	526323	MA-27-10-M5
Display unit [MPa]						
27	M5	0 ... 1 MPa	0 ... 1 MPa	–	526324	MA-27-1,0-M5-MPA
40	G1/8	0 ... 1 MPa	0 ... 1 MPa	–	192732	MA-40-1-G1/8-MPA
		0 ... 1.6 MPa	0 ... 1.6 MPa	–	192733	MA-40-1,6-G1/8-MPA
50	G1/4	0 ... 1 MPa	0 ... 1 MPa	–	192734	MA-50-1-G1/4-MPA
		0 ... 1.6 MPa	0 ... 1.6 MPa	–	192735	MA-50-1,6-G1/4-MPA
Display unit [psi]						
15	M5	0 ... 145 psi	0 ... 145 psi	–	132341	MA-15-145-M5-PSI
27	M5	0 ... 160 psi	0 ... 160 psi	–	527405	MA-27-160-M5-PSI