



BOURDON
The Original by Baumer

Main Features

- For corrosive gasses and liquids
- Wetted parts Stainless steel
- Class 2.5 according to EN837-1
- Case stainless steel

Applications

- Food & Beverage
- Laboratory & Medical
- Oil & Gas / Chemical
- Water & Waste water
- Energy
- Transportation & Logistics
- Machinery



Technical Data

Nominal size	40 mm	Movement	Stainless steel
Measurement range	0 ... 1.6 to 0 ... 25 bar	Window	Polycarbonate
Pressure limitation	Steady : 75% of full scale value Fluctuating : 65% of full scale value Short time : 100% of full scale value	Window gasket	Elastomer
Accuracy	Class 2.5 (according EN837-1)	Dial	Aluminium, white
Protection rating	IP 33 (EN 60529) type D IP 43 (EN 60529) type F	Pointer	Aluminium, black
Process Connection	Stainless steel 1.4571 (AISI 316 Ti)	Temperature	Ambient : -20 ... +70°C Medium : -40 ... +200°C The case temperature must not exceed +70°C Storage : -40 ... +70°C
Bourdon tube	Stainless steel 1.4571 (AISI 316 Ti)	Thermal drift	± 0.4% F.S. / 10 K (reference : 20°C)
Case	Stainless steel 1.4301 (AISI 304)		
Bezel ring	Stainless steel 1.4301 (AISI 304)		

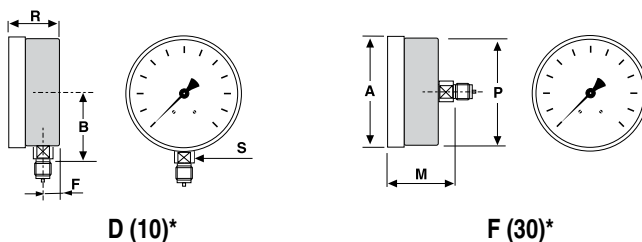
Options

ATEX II2GDc-IM2c (Including window laminated safety glass)	Code 0078
Window laminated safety glass	Code 0751

To be ordered separately

Material certificate 3.1 EN10204	Code Q1229
Calibration certificate EN837-1 (5 points raising and 5 points falling)	Code Q1070

Dimensions - Types of mounting



Weight (kg) : 0.080

mm	A	B	F	M	P	R	S
NS 40	40	26	11.3	36.3	39	29.3	14

*Type of mounting according to EN837-1 in brackets

Pressure ranges

Code	Bar
B16	0 ... 1.6
B18	0 ... 2.5
B19	0 ... 4
B20	0 ... 6
B22	0 ... 10
B24	0 ... 16
B26	0 ... 25

Code	kPa
D16	0 ... 160
D18	0 ... 250
D19	0 ... 400
D20	0 ... 600
D22	0 ... 1 000
D24	0 ... 1 600
D26	0 ... 2 500

Code	psi
H1C	0 ... 20
H17	0 ... 30
H19	0 ... 60
H21	0 ... 100
H22	0 ... 160
H23	0 ... 200
H25	0 ... 300

Ordering details MMX1

	MMX	1	-			.	xxx	/
Model	All stainless steel pressure gauge							
Nominal size	40 mm							
Type of mounting	Bottom connection							
	Back connection							
Process connection	G 1/8							
	G 1/4							
	1/8 NPT							
	1/4 NPT							
	M10 x 1							
Liquid filling	Dry							
Unit of measurement / Pressure ranges ⁽¹⁾	bar							
	kPa							
	psi							
	bar / psi (Double scale)							
	psi / bar (Double scale)							
Options to be added behind the / (see example below)								

⁽¹⁾ Available standard pressures ranges, see tables above. For ranges not listed, please contact Baumer.

(▶ Standard version)

Ordering example with options

