



**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)		

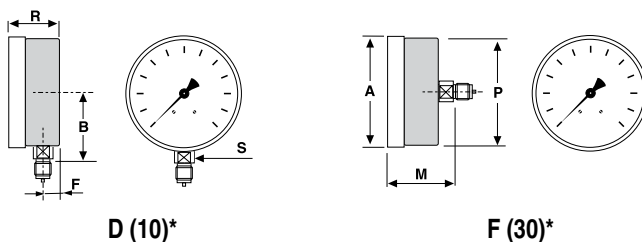
### Options

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
<b>NS 40</b>	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	/
<b>Model</b>	MMX							
All stainless steel pressure gauge								
<b>Nominal size</b>		1						
40 mm								
<b>Type of mounting</b>								
Bottom connection								D
Back connection								F
<b>Process connection</b>								
G 1/8								1
G 1/4								2
1/8 NPT								4
1/4 NPT								5
M10 x 1								7
<b>Liquid filling</b>								
Dry								0
<b>Unit of measurement / Pressure ranges <sup>(1)</sup></b>								
bar								Bxx
kPa								Dxx
psi								Hxx
bar / psi (Double scale)								Kxx
psi / bar (Double scale)								Sxx
<b>Options to be added behind the / (see example below)</b>								
								( ▶ Standard version)

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

**Ordering example with options**

