

MMX1 Pressure gauge, all stainless steel

40 mm dia

Corrosive atmospheres and fluids

Accuracy Class 2.5

Fully welded process connection

Sealed case, not fillable

Conform to EN 837-1 standard, Pressure Directive PED 97/23/CE



Pressure gauges intended for process industries such as chemical, petro-chemical, energy, agro-foodstuffs and biotechnologies.

Specifications (20°C)

Options

| | |
|----------------------------------|---|
| Measurement range | 0 ... 25 bar (see standard graduations overleaf) |
| Working pressure | steady : 75% of full scale value short time : 100% of full scale value |
| Accuracy | class 2.5 full scale |
| Gauge working Temperature | process fluid: -20 ... 70°C The gauge may be used on fluid temperatures up to 200°C providing that the gauge temperature does not exceed 70°C. |
| Temperature error | additional error when temperature of the pressure element deviates from +20°C (68°F) ±0.4% for every 10°C (18°F) rising or falling. Percentage of span. |
| IP rating | IP 33 (EN 60529) type D IP 43 (EN 60529) type F |
| Case and bezel ring | 1.4301 (AISI 304) stainless steel |
| Connection | 1.4571 (316Ti) stainless steel, 14 mm square |
| Sensing element | 1.4571 (316Ti) stainless steel, tube shape: ≤ 25 bar: in C |
| Movement | stainless steel |
| Window | polycarbonate |
| Dial | alloy aluminium |
| Pointer | alloy aluminium |

Restrictor screw

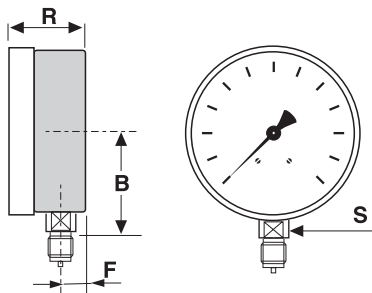
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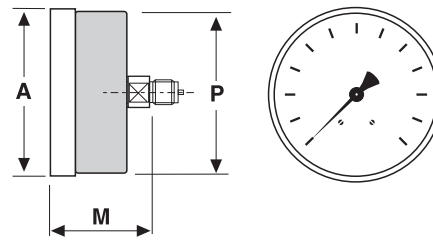
Baumer

Dimensions (mm), types of mounting

Type D



Type F



| A | B | F | M | P | R | S |
|----|----|------|------|----|------|----|
| 40 | 26 | 11.3 | 36.3 | 39 | 29.3 | 14 |

Weight (kg): 0.080

Codification - MMX1

| | | MMXxxx0xxx |
|--|----------------|------------|
| Family | 1' digit | |
| Pressure gauges | | M |
| Type | 2'...3' digit | |
| Stainless steel | | MX |
| Dial diameter | 4' digit | |
| Ø 40 mm | | 1 |
| Type of fitting and connection position | 5' digit | |
| bottom connection | | D |
| back connection | | F |
| Pressure connection | 6' digit | |
| G1/8 | | 1 |
| 1/8 NPT | | 4 |
| M10x1 | | 7 |
| Type of filling | 7' digit | |
| dry | | 0 |
| Unit of measurement | 8' digit | |
| bar | | B |
| Pressure range | 9'...10' digit | |
| See codes in table | | xx |

Measurement ranges :

| coding | Ranges bar |
|--------|------------|
| 16 | 0 + 1.6 |
| 18 | 0 + 2.5 |
| 19 | 0 + 4 |
| 20 | 0 + 6 |
| 22 | 0 + 10 |
| 24 | 0 + 16 |
| 26 | 0 + 25 |

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