

# Precision pressure gauge MAP-40-1-1/8-EN

Part number: 161126

FESTO



 [General operating condition](#)

## Data sheet

| Feature                             | Value  |
|-------------------------------------|--|
| Indicating range                    | 0 bar ... 1 bar  |
| Indicating range                    | 0 psi ... 14.5 psi   |
| Symbol                              | 00991463   |
| Conforms to standard                | EN 837-1   |
| Nominal size of pressure gauge      | 40   |
| Explosion protection                | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Design                              | Bourdon tube pressure gauge  |
| Type of mounting                    | In-line installation   |
| Operating medium                    | Inert gas<br>Neutral fluids  |
| Note on operating and pilot medium  | No acetylene<br>No oxygen  |
| Operating pressure                  | 0 MPa ... 0.1 MPa  |
| Operating pressure                  | 0 bar ... 1 bar  |
| Operating pressure                  | 0 psi ... 14.5 psi   |
| Alternating load factor             | 0.66   |
| Measurement accuracy class          | 1.6  |
| Degree of protection                | IP43   |
| Media temperature                   | -20 °C ... 60 °C   |
| Ambient temperature                 | -20 °C ... 60 °C   |
| LABS (PWIS) conformity              | VDMA24364-B1/B2-L  |
| Note on materials                   | RoHS-compliant   |
| Position of connection              | Centred, rear side   |
| Pneumatic connection                | R1/8   |
| Material in contact with the medium | Brass  |
| Material screwed plug               | Brass  |
| Material housing                    | PBT  |
| Material screen                     | PS   |
| Housing colour                      | Black  |

| <b>Feature</b> | <b>Value</b>   |
|----------------|--|
| Product weight | 60 g   |
| Scale          | Double scale<br>Bar (outside scale)<br>psi (inner scale) |