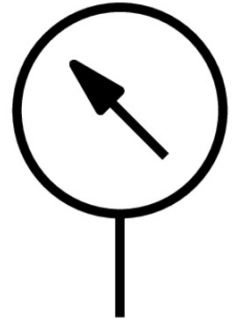


# Precision pressure gauge MAP-40-6-1/8-EN

Part number: 161127

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                             | Value                                                                                                            |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Display range                       | 0 bar ... 6 bar                                                                                                  |
| Display range                       | 1 psi ... 87 psi                                                                                                 |
| Symbol                              | 00991463                                                                                                         |
| Conforms to standard                | EN 837-1                                                                                                         |
| Pressure gauge nominal size         | 40                                                                                                               |
| Explosion prevention and protection | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Structural design                   | Bourdon tube pressure gauge                                                                                      |
| Type of mounting                    | Line installation                                                                                                |
| Operating medium                    | Inert gas<br>Neutral liquids                                                                                     |
| Operating pressure                  | 0 MPa ... 0.6 MPa                                                                                                |
| Operating pressure                  | 0 bar ... 6 bar                                                                                                  |
| Operating pressure                  | 0 psi ... 87 psi                                                                                                 |
| Intermittent load factor            | 0.66                                                                                                             |
| Measurement accuracy class          | 1.6                                                                                                              |
| Degree of protection                | IP43                                                                                                             |
| Temperature of medium               | -20 °C ... 60 °C                                                                                                 |
| Ambient temperature                 | -20 °C ... 60 °C                                                                                                 |
| LABS (PWIS) conformity              | VDMA24364-B1/B2-L                                                                                                |
| Note on materials                   | RoHS-compliant                                                                                                   |
| Connection position                 | Centered on rear side                                                                                            |
| Pneumatic connection                | R1/8                                                                                                             |
| Materials in contact with the media | Brass                                                                                                            |
| Material of screwed plug            | Brass                                                                                                            |
| Housing material                    | PBT                                                                                                              |
| Inspection window material          | PS                                                                                                               |
| Housing colour                      | Black                                                                                                            |

| <b>Feature</b>                           | <b>Value</b>                                  |
|------------------------------------------|-----------------------------------------------|
| Product weight                           | 60 g                                          |
| Information on operating and pilot media | No acetylene<br>No oxygen                     |
| Scale                                    | Double scale<br>bar (außen)<br>psi (internal) |