

# Flanged pressure gauge FMA-40-10-1/4-EN

Part number: 159596

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                                            |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Display range                            | 0 bar...10 bar<br>0 psi...145 psi                                                                                |
| 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                         | Front panel mounting                                                                                             |
| Operating medium                         | Inert gases<br>Neutral liquids                                                                                   |
| Information on operating and pilot media | No acetylene<br>No oxygen                                                                                        |
| Operating pressure                       | 0 MPa...1 MPa<br>0 bar...10 bar<br>0 psi...145 psi                                                               |
| Intermittent load factor                 | 0.66                                                                                                             |
| Measurement accuracy class               | 2.5                                                                                                              |
| 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                     | G1/4                                                                                                             |
| Materials in contact with the media      | Brass                                                                                                            |
| Material of screwed plug                 | Brass                                                                                                            |
| Housing material                         | ABS                                                                                                              |

| Feature                    | Value                                            |
|----------------------------|--------------------------------------------------|
| Inspection window material | SAN                                              |
| Fastening ring material    | Steel                                            |
| Housing colour             | Black                                            |
| Product weight             | 80 g                                             |
| Scale                      | Double scale<br>bar (außen)<br>psi (inner scale) |