

# Pressure gauge MA-27-1,0-M5-MPA

Part number: 526324

**FESTO**



 General operating condition

## Data sheet

| Feature                                  | Value                                                                                                            |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Display range                            | 0 MPa ... 1 MPa                                                                                                  |
| Symbol                                   | 00991463                                                                                                         |
| Pressure gauge nominal size              | 27                                                                                                               |
| 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                                                                                     |
| Information on operating and pilot media | No acetylene<br>No oxygen                                                                                        |
| Operating pressure                       | 0 MPa ... 1 MPa                                                                                                  |
| Operating pressure                       | 0 bar ... 10 bar                                                                                                 |
| Operating pressure                       | 0 psi ... 145 psi                                                                                                |
| Intermittent load factor                 | 0.66                                                                                                             |
| Measurement accuracy class               | 5                                                                                                                |
| Degree of protection                     | IP43                                                                                                             |
| Temperature of medium                    | 0 °C ... 60 °C                                                                                                   |
| Ambient temperature                      | 0 °C ... 60 °C                                                                                                   |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                                                                |
| Note on materials                        | RoHS-compliant                                                                                                   |
| Connection position                      | Centered on rear side                                                                                            |
| Pneumatic connection                     | M5                                                                                                               |
| Materials in contact with the media      | Brass                                                                                                            |
| Material of screwed plug                 | Brass                                                                                                            |
| Housing material                         | PA                                                                                                               |
| Inspection window material               | PS                                                                                                               |
| Housing colour                           | Black                                                                                                            |
| Product weight                           | 11 g                                                                                                             |

| Feature | Value                          |
|---------|--------------------------------|
| Scale   | Single scale<br>MPa (external) |