

# Pressure gauge MA-27-25-R1/8

Part number: 541734

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                  | Value  |
|--|--|
| Display range                            | 0 bar ... 25 bar   |
| Display range                            | 0 psi ... 362.5 psi  |
| 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 gases<br>Neutral liquids   |
| Information on operating and pilot media | No acetylene<br>No oxygen  |
| Operating pressure                       | 0 MPa ... 2.5 MPa  |
| Operating pressure                       | 0 bar ... 25 bar   |
| Operating pressure                       | 0 psi ... 362.5 psi  |
| Intermittent load factor                 | 0.66   |
| Measurement accuracy class               | 4  |
| 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                     | R1/8   |
| Materials in contact with the media      | PA-reinforced  |
| Material of screwed plug                 | PA-reinforced  |
| Housing material                         | PA   |
| Inspection window material               | PS   |
| Housing colour                           | Black  |
| Product weight                           | 8 g  |

| Feature | Value   |
|---------|---|
| Scale   | Double scale<br>bar (außen)<br>psi (internal) |