

# Pressure gauge MA-50-16-R1/4-E-RG

Part number: 525729

FESTO



 [General operating condition](#)

## Data sheet

| Feature                             | Value  |
|-------------------------------------|--|
| Indicating range                    | 0 bar ... 16 bar   |
| Symbol                              | 00991463   |
| Conforms to standard                | EN 837-1   |
| Nominal size of pressure gauge      | 50   |
| 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                    | Inline installation  |
| Operating medium                    | Inert gas<br>Neutral fluids  |
| Note on operating and pilot medium  | No acetylene<br>No oxygen  |
| Operating pressure                  | 0 MPa ... 1.6 MPa  |
| Operating pressure                  | 0 bar ... 16 bar   |
| Operating pressure                  | 0 psi ... 232 psi  |
| Alternating load factor             | 0.66   |
| Measurement accuracy class          | 2.5  |
| 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  |
| Pneumatic connection                | R1/4   |
| Material in contact with the medium | Brass  |
| Material screwed plug               | Brass  |
| Material housing                    | ABS  |
| Material screen                     | PLEXIGLAS®   |
| Housing colour                      | Black  |
| Product weight                      | 75 g   |

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