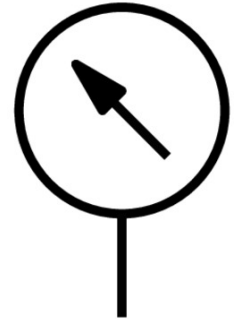


# Pressure gauge MA-50-16-1/4-EN

Part number: 162839

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                             | Value  |
|-------------------------------------|--|
| Display range                       | 0 bar ... 16 bar   |
| Display range                       | 0 psi ... 232 psi  |
| Symbol                              | 00991463   |
| Conforms to standard                | EN 837-1   |
| Pressure gauge nominal size         | 50   |
| 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 ... 1.6 MPa  |
| Operating pressure                  | 0 bar ... 16 bar   |
| Operating pressure                  | 0 psi ... 232 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  |
| Inspection window material          | PS   |
| Housing colour                      | Black  |

| <b>Feature</b>                           | <b>Value</b>                                  |
|--|---|
| Product weight                           | 70 g  |
| Information on operating and pilot media | No acetylene<br>No oxygen                     |
| Scale                                    | Double scale<br>bar (außen)<br>psi (internal) |