

**Pressure gauge**  
**MA-50-145-R1/4-PSI-E-RG**  
 Part number: 526789

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                                            |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Display range                            | 0 psi...145 psi                                                                                                  |
| 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                         | In-line installation                                                                                             |
| 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                     | R1/4                                                                                                             |
| Materials in contact with the media      | Brass                                                                                                            |
| Material of screwed plug                 | Brass                                                                                                            |
| Housing material                         | ABS                                                                                                              |
| Inspection window material               | PMMA                                                                                                             |

| Feature        | Value                             |
|----------------|-----------------------------------|
| Housing colour | Black                             |
| Product weight | 75 g                              |
| Scale          | Single scale<br>psi (outer scale) |