

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

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                             | Value                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Indicating range                    | 0 psi ... 145 psi                                                                                                          |
| 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                    | In-line installation                                                                                                       |
| Operating medium                    | Inert gases<br>Neutral fluids                                                                                              |
| Note on operating and pilot medium  | No acetylene<br>No oxygen                                                                                                  |
| Operating pressure                  | 0 MPa ... 1 MPa                                                                                                            |
| Operating pressure                  | 0 bar ... 10 bar                                                                                                           |
| Operating pressure                  | 0 psi ... 145 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 side                                                                                                         |
| Pneumatic connection                | R1/4                                                                                                                       |
| Material in contact with the medium | Brass                                                                                                                      |
| Material screwed plug               | Brass                                                                                                                      |
| Material housing                    | ABS                                                                                                                        |
| Material screen                     | PMMA                                                                                                                       |
| Housing colour                      | Black                                                                                                                      |
| Product weight                      | 75 g                                                                                                                       |

| Feature | Value                             |
|---------|-----------------------------------|
| Scale   | Single scale<br>psi (outer scale) |