

Pressure sensor

SDET-22T-D16-G14-U-M12

Part number: 547484

FESTO

Universal with high flexibility of use, for gas, fluids and air



Data sheet

| Feature | Value |
|--|---|
| Authorization | C-Tick c UL us - Listed (OL) |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| Materials note | Free of copper and PTFE |
| Measured variable | Relative pressure |
| Measurement method | Piezoresistive pressure sensor |
| Pressure measuring range, initial value | 0 bar |
| Pressure measuring range, final value | 16 bar |
| Overload range | 40 bar |
| Operating medium | Liquid media Gaseous media Compressed air |
| Medium temperature | -10 ... 100 °C |
| Ambient temperature | 0 ... 80 °C |
| Accuracy, FS | 1 % |
| Analog output | 0,1 - 10 V |
| Short circuit strength | Yes |
| Operating voltage range DC | 14 ... 30 V |
| Polarity protected | for operating voltage |
| Electrical connection | Plug to EN 60947-5-2 M12x1 4-pin Round design |
| Analog output connection type | 3 wires |
| Material information, plug housing | PBT |
| Mounting type | Optional with internal (female) thread with accessories |
| Pneumatic connection | G1/4 |
| Product weight | 100 g |
| Materials information, housing | High alloy steel, non-corrosive |
| Material information, sealing ring | FPM |
| Material information, sensor element | Al2O3 96% |
| Material information, pressure supply port | CrNi steel 1.4305 |
| Protection class | IP65 |
| Corrosion resistance classification CRC | 2 |