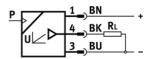
## **Pressure sensor SDET-22T-D2-G14-U-M12** Part number: 547478

**FESTO** 

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





## **Data sheet**

| Feature                                    | Value                           |
|--|---------------------------------|
| Authorisation                              | C-Tick                          |
|  | c UL us - Listed (OL)           |
| CE mark (see declaration of conformity)    | to EU directive for EMC         |
| 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      | 2 bar                           |
| Overload range                             | 5 bar                           |
| Operating medium                           | Liquid media                    |
|  | Gaseous media                   |
|  | Compressed air                  |
| Medium temperature                         | -10 100 °C                      |
| Ambient temperature                        | 0 80 °C                         |
| Accuracy, FS                               | 1.5 %                           |
| Analogue 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                    |
| Analogue 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       | Al203 96%                       |
| Material information, pressure supply port | CrNi steel 1.4305               |
| Protection class                           | IP65                            |
| Corrosion resistance classification CRC    | 2                               |