

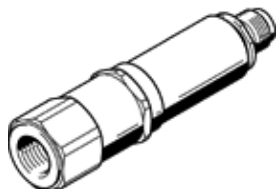
Pressure sensor

SDET-22T-D50-G14-U-M12

Part number: 547488

FESTO

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



Data sheet

Feature	Value
Authorisation	C-Tick
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	50 bar
Overload range	100 bar
Operating medium	Liquid media Gaseous media Compressed air
Medium temperature	-10 ... 100 °C
Ambient temperature	0 ... 80 °C
Accuracy, FS	1 %
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	Al2O3 96%
Material information, pressure supply port	CrNi steel 1.4305
Protection class	IP65
Corrosion resistance classification CRC	2