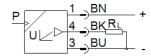
pressure transmitter SPTW-P100R-G14-VD-M12 Part number: 8000117







Data sheet

Feature	Value
Authorisation	RCM Mark
	c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Contains PWIS substances
	Conforms to RoHS
Measured variable	Relative pressure
Measurement method	Thin metal film pressure sensor
Pressure measuring range, initial value	0 bar
Pressure measuring range, final value	100 bar
Overload range	200 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [-:-:-]
	Fluid media
	Gaseous media
Medium temperature	0 80 °C
Ambient temperature	0 80 °C
Accuracy, FS	1 %FS
Repetition accuracy in ± %FS	0.1 %FS
Analogue output	0,1 - 10 V
Linearity error in ± %FS	0.5 %FS
Short circuit strength	Yes
Operating voltage range DC	14 30 V
Polarity protected	for operating voltage
Electrical connection	4-pin
	M12x1
	Plug
	to EN 60947-5-2
	Round design
Material connector housing	PA
Mounting type	with internal (female) thread
	with accessories
	Optional
Assembly position	Any
Pneumatic connection	G1/4
Product weight	80 g
Material housing	PA
	VMQ (silicon)
	High alloy steel, non-corrosive
Materials in contact with media	High alloy steel, non-corrosive
Protection class	IP67
Corrosion resistance classification CRC	4 - Very high corrosion stress