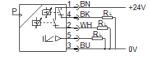
pressure sensor SPAW-P100R-G14F-2PA-M12 Part number: 8022784



For measuring media pressures, pressure measuring range between 0 and +100 bar, pneumatic connection female thread G1/4.





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	-20 85 °C
Ambient temperature	0 80 °C
Accuracy, FS	1 %FS
Repetition accuracy in ± %FS	0.15 %FS
Switch output	2xPNP
Switching function	Freely programmable
Switching element function	Switchable
Max. output current	250 mA
Analogue output	4 - 20 mA
Rise time	3 ms
Short circuit strength	Yes
Operating voltage range DC	15 35 V
Polarity protected	for operating voltage
Electrical connection	5-pin
	M12x1
	Plug
	to EN 60947-5-2
	Round design
Mounting type	with internal (female) thread
	with accessories
Assembly position	Any
Pneumatic connection	Female thread 1/4
Product weight	230 g
Material housing	ABS
	High alloy steel, non-corrosive
Materials in contact with media	High alloy steel, non-corrosive
Type of display	4-place alphanumeric
	LED display
Unit(s) that can be displayed	MPa
	bar



Feature	Value
	kPa
	kg/cm ²
	psi
Operating status display	Red LED
Setting options	Via display and buttons
Protection against manipulation	PIN-Code
Threshold value setting range	0.5 100 %
Hysteresis setting range	0.5 99.5 %
Protection class	IP65
	IP67
Corrosion resistance classification CRC	4 - Very high corrosion stress