

Pressure Sensor SPAW-B2R-G14F-2NA-M12 - Festo 8022812

Item no. FES-8022812

Manufacturer Festo

EAN 4052568258139

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system.

TECHNICAL DATA

HS-Code	90262020
Pneumatischer Anschluss	G1/4
Schutzart	IP65
Weight	0.29 kg
Werkstoff	Edelstahl



STANDARDS & COMPLIANCE

ISO8573-1:2010 EN 60947-5-2

DESCRIPTION

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system. The key technical data of this genuine Festo article are listed below.

Permission	RCM mark UL us - Listed (OL)
CE certificate (see declaration of conformity)	to EU EMC directive
Material information	LABS containing materials included RoHs compliant
Measured parameter	Relative pressure
Measurement process	Piezoresistive pressure sensor
Pressure measurement range starting value [bar]	-1
Pressure measurement range end value [bar]	1
Overload range [bar]	2
Operating medium	Compressed air to ISO8573-1:2010 [-:--:] Fluid media Gas-type media

Medium temperature [°C]	-20 to 85
ambient temperature [°C]	0 to 80
Accuracy FS [%FS]	1
Repeatability in ± %FS [%FS]	0,15
Control output	2xNPN
Switch function	Freely programmable
Switching element function	Switchable
Max. output current [mA]	250
Rise time [ms]	3
Short circuit resistance	yes
Operating voltage range DC [V]	15 to 35
Reverse polarity protection	for operating voltage
Electrical connection	M12x1 5 pin acc. to EN 60947-5-2 Round shape Plug
Fastening type	With female thread With Accessories
installation position	arbitrary
Pneumatic connection	female thread G1/4
Product weight [g]	230
Housing material	ABS High-alloyed stainless steels
From medium contacting materials	High-alloyed stainless steels
Display type	4 digit alphanumeric LED display
Presentable unit(s)	MPa Bar kPa kg/cm ² psi
Switching status indicator	LED red
Setting options	Via display and buttons
Tamper-proof fuse	PIN code
Settings range threshold value [%]	0.5 to 100
Settings range hysteresis [%]	0.5 to 99.5
Protection category	IP65 IP67
Corrosion resistant class KBK	4 - particularly severe corrosion stress
Analogue output	4 - 20 mA