

Pressure Sensor SPAW-P16R-G12M-2P-M12 - Festo 8022754

Item no. FES-8022754

Manufacturer Festo

EAN 4052568257552

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

TECHNICAL DATA

Corrosion resistance class CRC **4 - particularly severe corrosion stress**

HS-Code **90262020**

Material **Stainless steel**

Medium **Compressed air, neutral gases and liquids, oil, grease**

Mounting position **arbitrary**

Norm **EN 60947-5-2**

Operating conditions **ISO 8573-1**

Pneumatic connection **G1/2**

Protection rating **IP65**

Series **SPAW**

Temperature (max.) **80**

Weight **0.29 kg**



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 c 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	Metal thin film pressure sensor
Pressure measurement range starting value [bar]	0
Pressure measurement range end value [bar]	16
Overload range [bar]	32

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 $\pm$ %FS [%FS]	0,15
Control output	2xPNP
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 4 pin acc. to EN 60947-5-2 Round shape Plug
Fastening type	with male thread
installation position	arbitrary
Pneumatic connection	Male thread G1/2
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
Gasket material	NBR