

Proximity Sensor SIEN-M8B-PS-K-L - Festo 150386

Item no. FES-150386

Manufacturer Festo

EAN 4052568068967

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

TECHNICAL DATA

Corrosion resistance class CRC **2 - moderate corrosion stress**

HS-Code **85365019**

Material **Stainless steel**

Norm **EN 60947-5-2**

Protection rating **IP65**

Series **SIEN**

Temperature (max.) **70**

Weight **0.06 kg**



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.

Complies to standard	EN 60947-5-2
Permission	RCM mark c UL us - Listed (OL)
CE certificate (see declaration of conformity)	to EU EMC directive
Material information	Copper and PTFE-free RoHs compliant
Measurement switching distance [mm]	1,5
Secured safety distance [mm]	1,21
Reduction factors	stainless steel St 18/8 = 0,7 Copper = 0.2 brass = 0,35 Steel pc. 37 = 1.0 aluminium = 0,25
ambient temperature [°C]	-25 to 70
Control output	PNP
Switching element function	NO contact
Max. switching frequency [Hz]	5.000
Max. output current [mA]	200
Voltage drop [V]	$\leq 2\text{ V}$

Short circuit resistance	Cycling
Operating voltage range DC [V]	10 to 30
residual ripple	± 10%
Empty run current [mA]	<= 10 mA
Reverse polarity protection	for all electrical connections
Electrical connection	cable
Cable length [MTR]	2,5
Cable sleeve material	TPE-U(PUR)
size	M8x1
Fastening type	With locking nut
Integration type	flush
Product weight [g]	53,0
Housing material	PA High-alloyed stainless steels
Switching status indicator	LED yellow
Protection category	IP65 IP67
Repeatability at constant conditions	0.07 mm
Ambient temperature for moving cable placements [°C]	-5 to 70
Corrosion resistant class KBK	2 - moderate corrosion stress
Hysteresis [mm]	<= 0,07 mm
Inductive protection circuit	Integrated