

Proximity Sensor SIEN-M18NB-PO-S-L - Festo 150431

Item no. FES-150431

Manufacturer Festo

EAN 4052568069414

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

TECHNICAL DATA

HS-Code	85365019
Schutzart	IP67
Weight	0.05 kg
Werkstoff	Messing



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 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]	8,0
Secured safety distance [mm]	6,48
Reduction factors	aluminium = 0,5 stainless steel St 18/8 = 0,8 Copper = 0.4 brass = 0,5 Steel pc. 37 = 1.0
ambient temperature [°C]	-25 to 70
Repeatability [mm]	0,40
Control output	PNP
Switching element function	NC contact
Max. switching frequency [Hz]	2.000
Max. output current [mA]	200

Voltage drop [V]	<= 2 V
Short circuit resistance	Cycling
Operating voltage range DC [V]	10 to 30
residual ripple	± 20 %
Empty run current [mA]	<= 10 mA
Reverse polarity protection	for all electrical connections
Electrical connection	M12x1 3 pin Plug
size	M18x1
Fastening type	With locking nut
Integration type	not flush
Product weight [g]	40,0
Housing material	PBTP brass nickel-plated
Switching status indicator	LED yellow
Protection category	IP67
Ambient temperature for moving cable placements [°C]	-5 to 70
Surge voltage strength [kV]	0,8
Degree of contamination	3
Hysteresis [mm]	<= 0,88 mm
Torque [Nm]	20