

Proximity Sensor SIEN-M18NB-NS-S-L - Festo 150425

Item no. FES-150425

Manufacturer Festo

EAN 4052568069353

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

TECHNICAL DATA

HS-Code	85365019
Material	Brass
Norm	EN 60947-5-2
Protection rating	IP67
Series	SIEN
Temperature (max.)	70
Weight	0.048 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 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	NPN
Switching element function	NO 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