

Proximity Sensor SIEN-M30B-PS-K-L-PA - Festo 538327

Item no. FES-538327

Manufacturer Festo

EAN 4052568089245

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**

Design	round
HS-Code	85365019
Material	Polyamide (PA)
Norm	EN 60947-5-2
Protection rating	IP65
Series	SIEN
Temperature (max.)	70
Weight	0.165 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
Measurement switching distance [mm]	10,0
Secured safety distance [mm]	8,10
Reduction factors	Aluminium = 0.35 - 0.5 Stainless steel St 18/8 = 0.6 - 1.0 Copper = 0.25 - 0.45 Brass = 0.35 - 0.5 Steel pc. 37 = 1.0
ambient temperature [°C]	-25 to 70
Repeatability [mm]	0,20
Control output	PNP
Switching element function	NO contact
Max. switching frequency DC [Hz]	500

Max. output current [mA]	200
Voltage drop [V]	<= 1,8 V
Short circuit resistance	Cycling
Operating voltage range DC [V]	10 to 30
residual ripple	10 %
Empty run current [mA]	<= 15 mA
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire cable
Cable length [MTR]	2,5
Cable sleeve material	PVC
size	M30
Fastening type	With locking nut
Integration type	flush
Product weight [g]	158,0
Housing material	PA reinforced
Switching status indicator	LED yellow
Protection category	IP65 IP67
Ambient temperature for moving cable placements [°C]	0 to 70
Corrosion resistant class KBK	4 - particularly severe corrosion stress
Hysteresis [mm]	0.3 to 1.5
Torque [Nm]	5
Design	round
Measurement principle	Inductive
Insulation sleeve material	PVC