

Proximity Sensor SIES-V3B-PS-S-L - Festo 150491

Item no. FES-150491

Manufacturer Festo

EAN 4052568069773

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

TECHNICAL DATA

HS-Code	85365019
Schutzart	IP67
Weight	0.039 kg
Werkstoff	Zink-Druckguss



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]	2,0
Secured safety distance [mm]	1,60
Reduction factors	aluminium = 0,45 stainless steel St 18/8 = 0,7 Copper = 0.3 brass = 0,5 Steel pc. 37 = 1.0
ambient temperature [°C]	-25 to 85
Repeatability [mm]	0,10
Control output	PNP
Switching element function	NO contact
Max. switching frequency [Hz]	1.200
Max. switching frequency DC [Hz]	1.200

Max. output current depending on temperature	150 mA at $\leq 85\text{ }^{\circ}\text{C}$ 200 mA at $\leq 50\text{ }^{\circ}\text{C}$
Voltage drop [V]	3,2
Short circuit resistance	Cycling
Operating voltage range DC [V]	10 to 30
residual ripple	10 %
Empty run current [mA]	$\leq 30\text{ mA}$
Reverse polarity protection	for all electrical connections
Electrical connection	M8x1 3 pin Plug
size	15x20x30 mm
Fastening type	With throughway bores
Integration type	flush
Product weight [g]	120
Housing material	Zinc pressure cast
Switching status indicator	LED yellow
Protection category	IP67