

Diffuse Sensor SOEG-RT-M12-NS-K-2L - Festo 547906

Item no. FES-547906

Manufacturer Festo

EAN 4052568189211

Festo pneumatic component for industrial automation and compressed-air applications in proven quality.

TECHNICAL DATA

HS-Code	85365019
Schutzart	IP65
Weight	0.125 kg
Werkstoff	Messing



DESCRIPTION

Festo pneumatic component for industrial automation and compressed-air applications in proven quality. The key technical data of this genuine Festo article are listed below.

Design	round
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	LABS containing materials included Copper and PTFE-free
Measured parameter	Position
Measurement principle	Optoelectronic
Measurement process	diffuse-reflective photoelectric sensor
Light type	 red
Range [mm]	70 to 300
ambient temperature [°C]	-25 to 55
Control output	NPN
Switching element function	Bright switching

Max. switching frequency [Hz]	1.000
Max. output current [mA]	200
Voltage drop [V]	2
Short circuit resistance	Cycling
Operating voltage range DC [V]	10 to 36
residual ripple	20 %
Empty run current [mA]	15
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire cable
Cable length [MTR]	2,5
Cable sleeve material	TPE-U(PUR)
size	M12
Fastening type	With locking nut
Torque [Nm]	10
Product weight [g]	100
Housing material	brass Chrome plated
Switching status indicator	LED yellow
Functional reserve display	LED green
Ambient temperature for moving cable placements [°C]	-5 to 55
Protection category	IP65 IP67
Corrosion resistant class KBK	2 - moderate corrosion stress
Setting options	Potentiometer
Settings range lower limit [mm]	70
Settings range upper limit [mm]	300
Hysteresis [mm]	<= 30 mm
Insulation sleeve material	PVC
installation position	arbitrary