

Diffuse Sensor SOEG-RTH-M18-NS-K-2L - Festo 537705

Item no. FES-537705

Manufacturer Festo

EAN 4052568174040

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

TECHNICAL DATA

HS-Code	85365019
Schutzart	IP65
Weight	0.155 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 UL us - Listed (OL)
CE certificate (see declaration of conformity)	to EU EMC directive
Material information	Copper and PTFE-free
Measured parameter	Position
Measurement principle	Optoelectronic
Measurement process	Diffuse-reflective photoelectric sensor with hidden background
Light type	red
Range [mm]	10 to 120
ambient temperature [°C]	-25 to 55
Control output	NPN
Switching element function	Bright switching

Max. switching frequency [Hz]	500
Max. output current [mA]	200
Voltage drop [V]	<= 2 V
Short circuit resistance	Cycling
Operating voltage range DC [V]	10 to 36
residual ripple	20 %
Empty run current [mA]	25
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire cable
Cable length [MTR]	2,5
Cable sleeve material	TPE-U(PUR)
size	M18x1
Fastening type	With locking nut
Torque [Nm]	20
Product weight [g]	121
Housing material	brass Chrome plated
Locking nut 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	1 - low corrosion stress
Setting options	Potentiometer
Settings range lower limit [mm]	10
Settings range upper limit [mm]	120