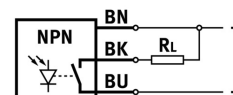


Retro-reflective sensor SOEG-RSP-M12-NS-K-2L

Part number: 537685

FESTO



[General operating condition](#)

Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Symbol	00991639
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Retro-reflective sensor
Type of light	Red polarised
Operating distance	1500 mm
Ambient temperature	-25 °C ... 55 °C
Switching output	NPN
Switching element function	Dark switching
Max. switching frequency	1000 Hz
Max. output current	200 mA
Voltage drop	≤2 V
Short circuit current rating	Pulsed
Operational voltage range DC	10 V ... 36 V
Residual ripple	20%
No-load supply current	15 mA
Reverse polarity protection	For all electrical connections
Electrical connection	3-wire Cable
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Size	M12x1
Type of mounting	Via lock nut
Tightening torque	10 Nm
Product weight	100 g
Material housing	Brass Chrome-plated
Material union nut	Brass Chrome-plated
Switching status indication	Yellow LED
Function reserve indication	Green LED
Ambient temperature with moving cable	-5 °C ... 55 °C

Feature	Value
Degree of protection	IP65 IP67
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L