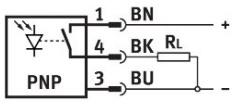
Retro-reflective sensor
SOEG-RSP-M18-PS-S-2L

Part number: 537699





Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Retro-reflective sensor
Type of light	Red polarised
Operating distance	2000 mm
Ambient temperature	-25 °C...55 °C
Switching output	PNP
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-pin M12x1 Plugs
Size	M18x1
Type of mounting	Via lock nut
Tightening torque	20 Nm
Product weight	53 g
Material housing	Brass Chrome-plated

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