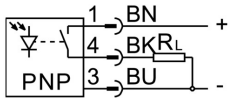
Diffuse scan
SOEG-RT-M18W-PS-S-2L

Part number: 537702





Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Symbol	00991641
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE
Measured variable	Position
Measuring principle	Optoelectronic
Method of measurement	Reflection light sensor
Type of light	Red
Working range	0 mm ... 600 mm
Ambient temperature	-25 °C ... 55 °C
Switching output	PNP
Switching element function	Bright-switching
Max. switching frequency	1000 Hz
Max. output current	200 mA
Voltage drop	≤2 V
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 36 V
Residual ripple	20 %
Idle current	15 mA
Reverse polarity protection	for all electrical connections
Electrical connection	3-pin M12x1 Plug
Size	M18x1
Type of mounting	With lock nut
Tightening torque	20 Nm
Product weight	56 g
Housing material	Brass Chrome-plated
Material of union nut	Brass Chrome-plated
Switching status indication	LED yellow
Function reserve indication	LED green
Setting options	Potentiometer

Feature	Value
Setting range, lower limit	100 mm
Setting range, upper limit	600 mm
Ambient temperature with flexible cable installation	-5 °C ... 55 °C
Degree of protection	IP65 IP67
Corrosion resistance class (CRC)	1 - Low corrosion stress