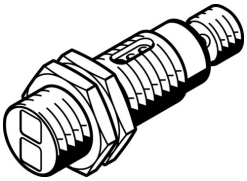
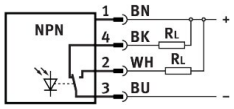
Diffuse scan
SOEG-RT-M18-NA-S-2L

Part number: 547911





Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Measured variable	Position
Measuring principle	Optoelectronic
Method of measurement	Diffuse sensor
Type of light	Red
Working range	40 mm...600 mm
Ambient temperature	-25 °C...55 °C
Switching output	NPN
Switching element function	Antivalent
Hysteresis	60 mm
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	20 mA
Reverse polarity protection	for all electrical connections
Electrical connection	4-pin M12x1 Plug
Size	M18
Type of mounting	With locknut
Tightening torque	20 Nm
Mounting position	Any
Product weight	53 g

Feature	Value
Housing material	Brass Chrome-plated
Switching status indication	Yellow LED
Function reserve indication	Green LED
Setting options	Potentiometer
Setting range, lower limit	40 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)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III