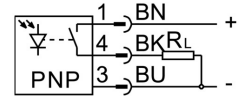
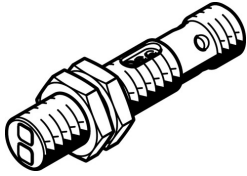


# Diffuse scan SOEG-RT-M12-PS-S-2L

Part number: 547909

FESTO



## Data sheet

Feature	Value
Type code	SOEG
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 Contains paint-wetting impairment substances
Measured variable	Position
Measuring principle	Optoelectronic
Method of measurement	Reflection light sensor
Type of light	Red
Working range	70 mm ... 300 mm
Ambient temperature	-25 °C ... 55 °C
Switching output	PNP
Switching element function	Bright-switching
Hysteresis	≤30 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	15 mA
Reverse polarity protection	for all electrical connections
Electrical connection	3-pin M12x1 Plug
Size	M12
Type of mounting	With lock nut
Tightening torque	10 Nm
Mounting position	Any
Product weight	20 g
Housing material	Brass Chrome-plated
Switching status indication	LED yellow

<b>Feature</b>	<b>Value</b>
Function reserve indication	LED green
Setting options	Potentiometer
Setting range, lower limit	70 mm
Setting range, upper limit	300 mm
Ambient temperature with flexible cable installation	-5 °C ... 55 °C
Degree of protection	IP65 IP67
Corrosion resistance class (CRC)	2 - Moderate corrosion stress