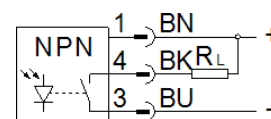
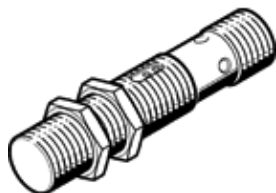


# retro-reflective sensor SOEG-RSP-M12-NS-S-2L

Part number: 537686

FESTO

With polarised light, round design



## Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Retro-reflective sensor
Type of light	Red, polarised
Working range	1,500 mm
Ambient temperature	-25 ... 55 °C
Switch output	NPN
Switching element function	Dark switching
Max. switching frequency	1,000 Hz
Max. output current	200 mA
Voltage drop	≤ 2 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 36 V
Residual ripple	20 %
Idle current	15 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin M12x1 Plug
Size	M12x1
Mounting type	with lock nut
Tightening torque	10 Nm
Product weight	20 g
Material housing	Brass Chromed-plated
Material of union nut	Brass Chromed-plated
Operating status display	Yellow LED
Operating reserve display	Green LED
Ambient temperature with flexible cable installation	-5 ... 55 °C
Protection class	IP65 IP67
Corrosion resistance classification CRC	1 - Low corrosion stress