

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

Part number: 537699

FESTO

With polarized light, round design



Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Authorization	RCM Mark c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Retro-reflective sensor
Type of light	Red, polarized
Working range	2,000 mm
Ambient temperature	-25 ... 55 °C
Switch output	PNP
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	M18x1
Mounting type	with lock nut
Tightening torque	20 Nm
Product weight	53 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
PWIS conformity	VDMA24364-B2-L