

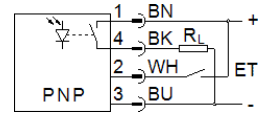
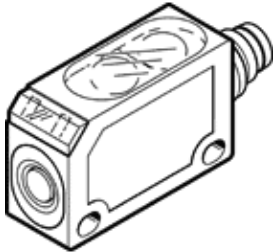
Retro-reflective sensor SOEG-RSP-Q20-PS-S-2L

Part number: 537784
Product to be discontinued

FESTO

With polarized light, block design

Type to be discontinued. Available until 2020. See Support Portal for alternative products.



Data sheet

Feature	Value
Design	Block design
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
Materials note	Free of copper and PTFE
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Retro-reflective sensor
Type of light	Red, polarized
Working range	2,500 mm
Ambient temperature	-20 ... 60 °C
Reference material	Reflector, 84 mm dia.
Switch output	PNP
Switching element function	Switchable
Max. switching frequency	1,000 Hz
Max. output current	100 mA
Voltage drop	≤ 2.4 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	10 %
Idle current	25 mA
Polarity protected	for all electrical connections
Electrical connection	Plug M8x1 4-pin
Size	20x32x12 mm
Mounting type	with through hole
Product weight	10 g
Material housing	ABS
Operating status display	Yellow LED
Operating reserve display	Green LED
Protection class	IP67
Corrosion resistance classification CRC	2 - Moderate corrosion stress