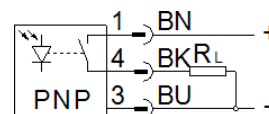
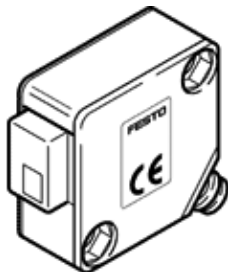


# retro-reflective sensor SOEG-RSP-Q30-PS-S-2L

Part number: 165331  
Product to be discontinued

FESTO

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



## Data sheet

Feature	Value
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
Measurement method	Retro-reflective sensor
Type of light	Red, polarised
Working range	0 ... 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 ... 30 V
Residual ripple	20 %
Idle current	25 mA
Polarity protected	for all electrical connections
Electrical connection	Plug M8x1 3-pin
Size	30x30x15 mm
Mounting type	with through hole
Product weight	18 g
Material housing	PBT-reinforced
Operating status display	Yellow LED
Operating reserve display	Green LED
Setting options	Potentiometer
Setting range lower limit	0 mm
Upper limit of adjustment range	2,000 mm
Ambient temperature with flexible cable installation	-5 ... 55 °C
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress