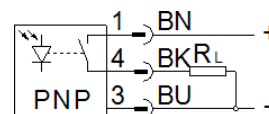
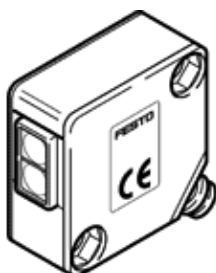


# Diffuse light sensor SOEG-RT-Q30-PS-S-2L

Part number: 165351  
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
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
Measurement method	Diffuse reflection sensor
Type of light	Infrared
Working range	0 ... 600 mm
Ambient temperature	-25 ... 55 °C
Switch output	PNP
Switching element function	Light 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	600 mm
Ambient temperature with flexible cable installation	-5 ... 55 °C
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress