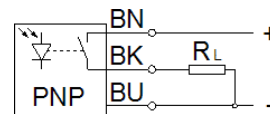
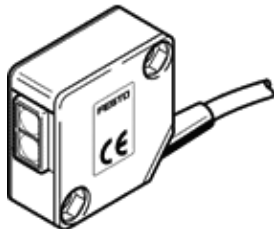


# diffuse sensor SOEG-RT-Q30-PS-K-2L

Part number: 165350  
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	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	Cable 3-core
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Size	30x30x15 mm
Mounting type	with through hole
Product weight	85 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