Distance sensor
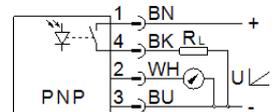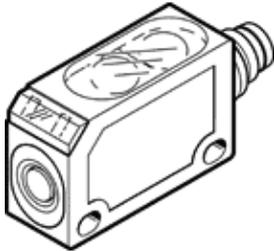## SOEG-RTD-Q20-PP-S-2L-TI

Part number: 537757
Product to be discontinued

For distance measurement, block design

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

FESTO

Data sheet

Feature	Value
Design	Block design
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	Travel
Measuring principle	Optoelectronic
Measurement method	Distance sensor
Type of light	Red
Max. spot diameter	5 x 5 mm with a sensing range of 60 mm
Working range	20 ... 80 mm
Ambient temperature	0 ... 60 °C
Travel resolution	0.5 mm
Switch output	PNP
Switching element function	Switchable
Max. switching frequency	200 Hz
Max. output current	100 mA
Voltage drop	<= 2.4 V
Analog output	0 - 10 V
Short circuit strength	Pulsing
Operating voltage range DC	15 ... 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	7 g
Material housing	ABS
Operating status display	Yellow LED
Operating reserve display	Green LED
Setting options	Teach-In
	Teach-in via electrical connection
Setting range lower limit	20 mm
Upper limit of adjustment range	80 mm
Ambient temperature with flexible cable installation	0 ... 60 °C
Protection class	IP67
Corrosion resistance classification CRC	2 - Moderate corrosion stress