

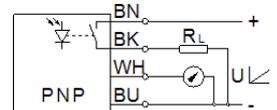
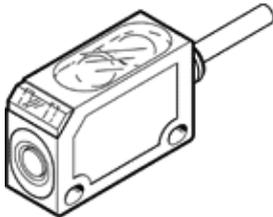
Distance sensor SOEG-RTD-Q20-PP-K-2L-TI

Part number: 537758
Product to be discontinued

FESTO

[For distance measurement, block design](#)

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



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	Cable 4-core
Cable length	2 m
Material cable sheath	TPE-U(PUR)
Size	20x32x12 mm
Mounting type	with through hole
Product weight	37 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	4 - Very high corrosion stress