

receiver

SOEG-E-Q50-PA-S-3L

Part number: 537782
Product to be discontinued

FESTO

[Block design](#)

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



Data sheet

Feature	Value
Design	Block design
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
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Through-beam sensor Receiver
Type of light	Infrared
Max. spot diameter	75 x 75 mm with a sensing range of 1.5 m
Working range	0 ... 15,000 mm
Ambient temperature	-20 ... 60 °C
Switch output	PNP
Switching element function	Antivalent
Max. switching frequency	1,000 Hz
Max. output current	200 mA
Voltage drop	≤ 2.4 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	10 %
Idle current	30 mA
Polarity protected	for all electrical connections
Electrical connection	Plug M12x1 4-pin
Size	50x50x17 mm
Mounting type	with through hole
Product weight	31 g
Material housing	ABS
Ready status display	Green LED
Operating status display	Yellow LED
Operating reserve display	Red LED (off)
Setting options	Potentiometer
Setting range lower limit	0 mm
Upper limit of adjustment range	15,000 mm
Ambient temperature with flexible cable installation	-5 ... 60 °C
Protection class	IP67
Corrosion resistance classification CRC	4 - Very high corrosion stress