Fiber-optic unit
SOE4-FO-D-HF2-1PU-K

Part number: 552801

FESTO
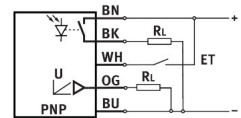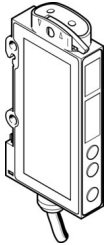
Data sheet

Feature	Value
Design	Block design
Conforms to standard	EN 60947-5-2
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Measured variable	Position
Measuring principle	Optoelectronic
Method of measurement	Fiber-optic unit
Type of light	Red
Mutual interference	Protected Up to four devices mounted directly next to each another
Ambient temperature	-20 °C...60 °C
Switching output	PNP
Switching element function	Switchable
Max. switching frequency	Standard mode 1000 Hz Fine mode 125 Hz Fast mode 8000 Hz High distance mode 125 Hz
Max. output current	100 mA
Voltage drop	2.4 V
Analog output	0 - 10 V
Display	0000 - 4093 LED display
Timer function	1 - 2000 ms
Short-circuit protection	Pulsed
DC operating voltage range	10 V...30 V
Residual ripple	10 %
Idle current	25 mA
Reverse polarity protection	for all electrical operating voltage connections
Electrical connection	5-wire Cable

Feature	Value
Cable length	2 m
Material of cable sheath	TPE-U(PUR)
Type of mounting	With through-hole With H-rail
Mounting position	Any
Product weight	58 g
Housing material	ABS
Ready status indication	LED green
Switching status indication	LED yellow
Setting options	Teach-in Teach-in via electrical connection
Ambient temperature with flexible cable installation	-5 ºC...60 ºC
Degree of protection	IP64
Insulation voltage	50 V
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L