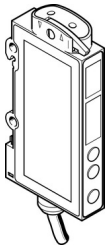
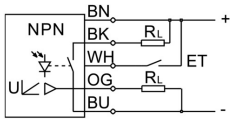
Fiber-optic unit
SOE4-FO-D-HF2-1NU-K

Part number: 552802





Data sheet

Feature	Value
Type code	SOE4
Design	Block design
Conforms to standard	EN 60947-5-2
Symbol	00992133
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE
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	NPN
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
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
Cable length	2 m
Material of cable sheath	TPE-U(PUR)
Type of mounting	With through-hole With H-rail
Mounting position	Any

Feature	Value
Product weight	58 g
Housing material	ABS
Display	LED display
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 °C ... 60 °C
Degree of protection	IP64
Insulation voltage	50 V
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress