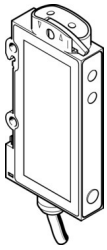
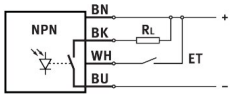
Fibre-optic unit
SOE4-FO-L-HF2-1N-K

Part number: 552797





Data sheet

Feature	Value
Design	Block design
Conforms to standard	EN 60947-5-2
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Fibre-optic unit
Type of light	Red
Mutual influence	Protected Up to four devices mounted directly next to one another
Ambient temperature	-20 °C...60 °C
Switching output	NPN
Switching element function	Switchable
Max. switching frequency	1500 Hz
Max. output current	100 mA
Voltage drop	2.4 V
Timer function	1 - 2000 ms
Short circuit current rating	Pulsed
Operational voltage range DC	10 V...30 V
Residual ripple	10 %
No-load supply current	25 mA
Reverse polarity protection	For all electrical operating voltage connections
Electrical connection	4-wire Cable
Electrical connection 1, connection type	Cable
Electrical connection 1, connector system	Open end
Electrical connection 1, number of connections/cores	4
Cable length	2 m
Material cable sheath	TPE-U(PUR)

Feature	Value
Type of mounting	With through-hole With H-rail
Mounting position	optional
Product weight	58 g
Material housing	ABS
Display	LED
Switching status indication	Yellow LED
Function reserve indication	Green LED
Setting options	Teach-in Teach-in via electrical connection
Ambient temperature with moving cable	-5 °C...60 °C
Degree of protection	IP64
Insulation voltage	50 V
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L