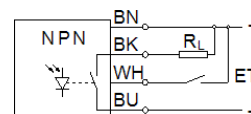
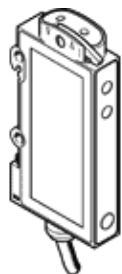


# fibre-optic unit SOE4-FO-L-HF2-1N-K

Part number: 552797

FESTO

Ideal for material-independent small part detection.



## 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	Fibre-optic unit
Type of light	Red
Mutual influence	Protected Up to four devices mounted directly next to one another
Ambient temperature	-20 ... 60 °C
Switch output	NPN
Switching element function	Switchable
Max. switching frequency	1,500 Hz
Max. output current	100 mA
Voltage drop	≤ 2.4 V
Timer function	1 - 2000 ms
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	10 %
Idle current	≤ 25 mA
Polarity protected	For all operating voltage connections
Electrical connection	4-core Cable
Cable length	2 m
Material cable sheath	TPE-U(PUR)
Mounting type	with through hole with top-hat rail
Assembly position	Any
Product weight	58 g
Material housing	ABS
Display	LED
Operating status display	Yellow LED
Operating reserve display	Green LED
Setting options	Teach-In Teach-in via electrical connection
Ambient temperature with flexible cable installation	-5 ... 60 °C
Protection class	IP64
Insulation voltage	50 V
Corrosion resistance classification CRC	4 - Very high corrosion stress