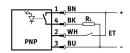
Fibre-optic unit SOE4-FO-L-HF2-1P-M8

FESTO

Part number: 552796





General operating condition

Enforms to standard EN 60947-5-2 Symbol Op991649 Approval RCM trademark cUL us listed (OL) TO EU EMC Directive In accordance with EU ROHS In acco	Feature	Value
Approval Approval RCM trademark CUL us listed (OL) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU ROHS Directive CE marking (see declaration of conformity) To UK ROHS instructions for EMC To UK ROHS instructions Measured variable Position 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 PNP Switching frequency 1500 Hz Max. output current 100 mA Voltage drop 2.2.4 V Timer function 1 - 2000 ms Short circuit current rating Operational voltage range DC 10 V 30 V Residual ripple 10 % Reverse polanity protection For all electrical operating voltage connections Electrical connection Mext Mye of mounting Mounting position Product weight 17 g Material housing Material housing Material housing Switching status indication Yellow LED Switching status indication Yellow LED	Design	Block design
Approval RCM trademark c UL us listed (OL) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU RoHS Directive CE marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions Measured variable Position Measuring principle Optoelectronic 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 PNP Switching element function Switching frequency 1500 Hz Max. switching frequency 1500 Hz Max. output current 100 mA Voltage drop 2.2.4 V Timer function 1 - 2000 ms Short circuit current rating Operational voltage range DC 10 V 30 V Residual ripple 10 % No-load supply current 2.25 mA Reverse polarity protection For all electrical operating voltage connections Electrical connection Max. 17 g Munting position Optional Product weight 17 g Mounting position Optional Voltage drop LED Switching status indication Yellow LED	Conforms to standard	EN 60947-5-2
C LLL us listed (OL) CE mark (see declaration of conformity) CE marking (see declaration of conformity) To LK instructions for EMC To UK RoHS Directive To UK RoHS Directive To UK RoHS Directive To UK RoHS Directive To UK RoHS Instructions Measured variable Measured variable 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 - 20 °C 60 °C Switching output PNP Switching frequency 1500 Hz Max. output current 100 mA Voltage drop 12.4 V Timer function 1 - 2000 ms Short circuit current rating Operational voltage range DC No-load supply current 225 mA Reverse polarity protection For all electrical operating voltage connections Electrical connection Max. Type of mounting Mutual influence Veltow LED With through-hole With H-rail Mounting position Product weight Material housing Display LED Switching status indication Vellow LED	Symbol	00991649
In accordance with EU ROHS Directive CE 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 Switching output PNP Switching element function Max. switching frequency 1500 Hz Max. output current 100 mA Voltage drop 1-2000 ms Short circuit current rating Operational voltage range DC Residual ripple 10 % No-load supply current 225 mA Reverse polarity protection For all electrical operating voltage connections Electrical connection Max.1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight Mass ABS Display LED Switching status indication	Approval	
To UK RoHS instructions Measured variable Measuring principle Optoelectronic Measurement method Fibre-optic unit Red Mutual influence Protected Up to four devices mounted directly next to one another -20 °C 60 °C Switching output PNP 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 Whith H-rail Mounting position Product weight 17 g Material housing Material housing LED Switching status indication Yellow LED	CE mark (see declaration of conformity)	
Measuring principle Measurement method Fibre-optic unit Red Mutual influence Protected Up to four devices mounted directly next to one another Ambient temperature 20 °C 60 °C Switching output PNP Switching element function Max. switching frequency Max. output current 100 mA Voltage drop \$2.4 V Timer function 1 - 2000 ms Short circuit current rating Operational voltage range DC Residual ripple 10 % No-load supply current \$25 mA Reverse polarity protection Electrical connection Max.1 Plugs Type of mounting Mounting position Product weight Max and publication ABS Display LED Switching status indication	CE marking (see declaration of conformity)	
Measurement method 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 PNP Switching element function Switchable Max. switching frequency 1500 Hz Max. output current 100 mA Voltage drop \$2.4 V Timer function Pulsed Operational voltage range DC Poseational voltage range DC Residual ripple 10 % No-load supply current \$25 mA Reverse polarity protection For all electrical operating voltage connections Electrical connection Max.1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight ABS Display LED Switching status indication Vellow LED	Measured variable	Position
Type of light Mutual influence Protected Up to four devices mounted directly next to one another Ambient temperature -20 °C 60 °C Switching output PNP Switching element function 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-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight 17 g Material housing ABS Display Switching status indication Yellow LED	Measuring principle	Optoelectronic
Mutual influence Protected Up to four devices mounted directly next to one another 20 °C 60 °C Switching output PNP Switching element function 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 Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight 17 g Material housing ABS Display Switching status indication Product sides in dication Product sides in dication Vellow LED	Measurement method	Fibre-optic unit
Up to four devices mounted directly next to one another -20 °C 60 °C Switching output PNP 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 Operational voltage range DC 10 V 30 V Residual ripple 10 % No-load supply current Electrical connection For all electrical operating voltage connections Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight 17 g Material housing ABS Display Switching status indication Vellow LED	Type of light	Red
Switching output Switching element function Max. switching frequency Max. output current 100 mA Voltage drop \$2.4 V Timer function \$1 - 2000 ms Short circuit current rating Pulsed Operational voltage range DC Residual ripple No-load supply current \$25 mA Reverse polarity protection For all electrical operating voltage connections Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight 17 g Material housing Display Switching status indication PNP 1500 Hz 100 mA 10 mA 10 mA 10 v 30 V 10 W 30 V 10	Mutual influence	
Switching element function Max. switching frequency Max. output current 100 mA Voltage drop 1 - 2000 ms Short circuit current rating Operational voltage range DC Residual ripple No-load supply current Reverse polarity protection Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight ABS Display Switching status indication Switchable Switchapale Swit	Ambient temperature	-20 °C 60 °C
Max. switching frequency Max. output current 100 mA Voltage drop 2.4 V Timer function 1 - 2000 ms Short circuit current rating Operational voltage range DC Residual ripple No-load supply current Reverse polarity protection Electrical connection Type of mounting Mounting position Product weight Maxi Material housing Display Switching status indication 100 mA 1 - 2000 ms 2 - 2100 ms 1 - 2000 ms 2 - 2100 ms 2	Switching output	PNP
Max. output current 100 mA Voltage drop 2.4 V Timer function 1 - 2000 ms Short circuit current rating Pulsed Operational voltage range DC Residual ripple 10 % No-load supply current Reverse polarity protection For all electrical operating voltage connections Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight 17 g Material housing ABS Display Switching status indication 1 - 2000 ms 1 - 2000 ms 10 V 30 V Residual ripple 10 % M8x1 Plugs For all electrical operating voltage connections 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail ABS Switching status indication Yellow LED	Switching element function	Switchable
Voltage drop \$2.4 V Timer function \$1 - 2000 ms Short circuit current rating Operational voltage range DC \$10 V 30 V Residual ripple \$10 % No-load supply current \$25 mA Reverse polarity protection Electrical connection \$4-pin	Max. switching frequency	1500 Hz
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-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position optional Product weight 17 g Material housing ABS Display LED Switching status indication Yellow LED	Max. output current	100 mA
Short circuit current rating Operational voltage range DC 10 V 30 V Residual ripple 10 % No-load supply current Reverse polarity protection For all electrical operating voltage connections Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Optional Product weight 17 g Material housing ABS Display Switching status indication Pulsed 10 V 30 V 8-25 mA For all electrical operating voltage connections 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail ABS Switching status indication Yellow LED	Voltage drop	≤2.4 V
Operational voltage range DC Residual ripple 10 % No-load supply current 25 mA Reverse polarity protection Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position Product weight 17 g Material housing Material housing Switching status indication 10 V 30 V 10 % 4-pin M8x1 Plugs connections 4-pin M8x1 Plugs With through-hole With H-rail ABS Display LED Switching status indication Yellow LED	Timer function	1 - 2000 ms
Residual ripple 10 % No-load supply current \$25 mA Reverse polarity protection For all electrical operating voltage connections Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position optional Product weight 17 g Material housing ABS Display LED Switching status indication Yellow LED	Short circuit current rating	Pulsed
No-load supply current Reverse polarity protection Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position product weight Material housing Material housing Display Switching status indication \$\frac{25 mA}{4-pin} \\ M8x1 Plugs With through-hole With H-rail ABS LED Yellow LED	Operational voltage range DC	10 V 30 V
Reverse polarity protection Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position product weight Material housing ABS Display LED Switching status indication For all electrical operating voltage connections 4-pin M8x1 Plugs With through-hole With H-rail ABS LED Yellow LED	Residual ripple	10 %
Electrical connection 4-pin M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position optional Product weight 17 g Material housing ABS Display LED Switching status indication 4-pin M8x1 Plugs With through-hole With H-rail ABS LED Yellow LED	No-load supply current	≤25 mA
M8x1 Plugs Type of mounting With through-hole With H-rail Mounting position optional Product weight 17 g Material housing ABS Display LED Switching status indication M8x1 Plugs With through-hole With H-rail Application Application With through-hole With H-rail Application Application Vellow LED	Reverse polarity protection	For all electrical operating voltage connections
With H-rail Mounting position optional Product weight 17 g Material housing ABS Display LED Switching status indication Yellow LED	Electrical connection	M8x1
Product weight 17 g Material housing ABS Display LED Switching status indication Yellow LED	Type of mounting	
Material housing ABS Display LED Switching status indication Yellow LED	Mounting position	optional
Display LED Switching status indication Yellow LED	Product weight	17 g
Switching status indication Yellow LED	Material housing	ABS
-	Display	LED
Function reserve indication Green LED	Switching status indication	Yellow LED
	Function reserve indication	Green LED

Feature	Value
Setting options	Teach-in Teach-in via electrical connection
Degree of protection	IP64
Insulation voltage	50 V
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L