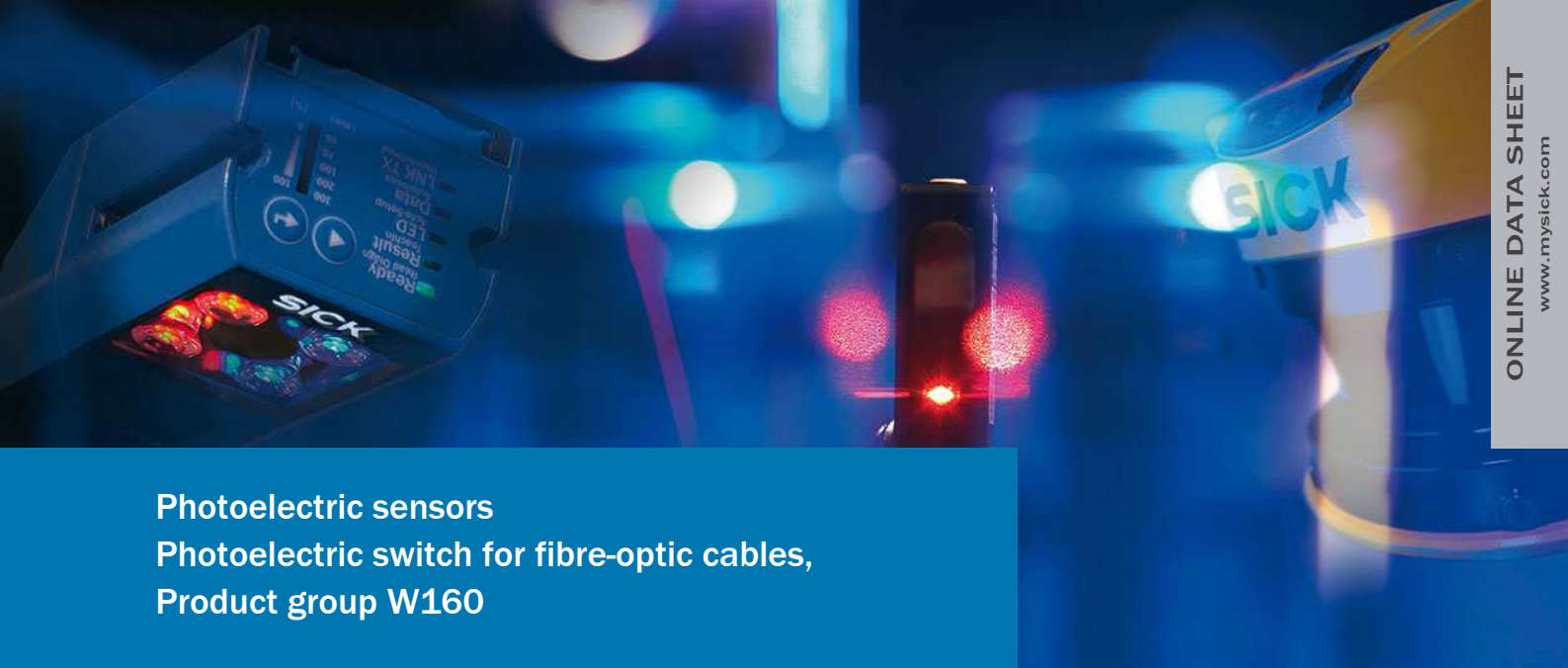




Photoelectric sensors
Photoelectric switch for fibre-optic cables,
Product group W160

WLL160-F122



Model Name > [WLL160-F122](#)
Part No. > [6009989](#)



- Sensitivity setting with potentiometer, scaled
- Large selection of LL3 fiber-optic cables
- Switch-off delay 0 to 100 ms
- Contamination control output and test input for equipment and system testing

The product has been discontinued. Please follow the "replacement product" link for information about alternative products.



Product features

Light source::	LED
Type of light:	Red light
Light spot diameter:	Depending on the scanning range
Wave length:	660 nm
Sensing range min ... max (through-beam system):	0 mm ... 2,000 mm
Fibre-optic cable (through-beam system):	LL3-TB02 and tip adapter LL3-TA01
Sensing range min ... max (proximity system):	0 mm ... 70 mm
Fibre-optic cable (proximity system):	LL3-DB01

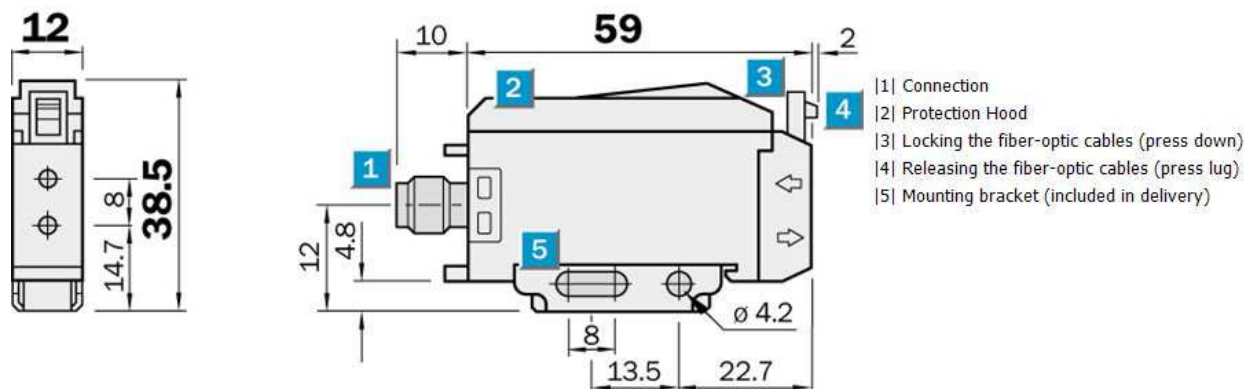
Technical data

Design::	Rectangular
Dimensions (W x H x D):	12 mm x 38.5 mm x 59 mm
Supply voltage min ... max::	DC 10 ... 30 V ¹⁾
Ripple:	± 10 %
Power consumption:	≤ 30 mA
Output type:	PNP: open collector: Q
Switching mode:	Light-/dark-switching via slide switch
Output current max.:	100 mA
Response time::	≤ 0.35 ms
Switching frequency:	1,500 Hz
Connection type:	Cable, 2 m
Number of cores:	5
Conductor size:	0.2 mm ²
Circuit protection:	V connections reverse-polarity protected/In-/outputs short-circuit protected/Interference suppression/Outputs overcurrent and short-circuit protected
Enclosure rating::	IP 66

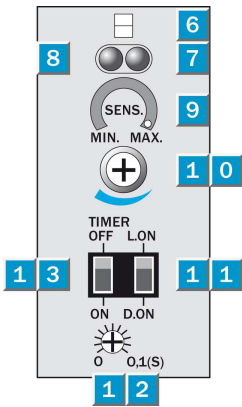
Ambient operation temperature, min ... max::	-25 °C ... ++55 °C
Ambient storage temperature, min ... max:	-40 °C ... ++70 °C
Weight:	Ca. 80 g
Housing material:	ABS
Angle of dispersion:	Ca. 65 °
Test input sender off:	TE to VS
Series:	W160
Cable diameter:	Ø 4.2 mm
Time delay:	Selectable, via slide switch
Time type:	Switch-off delay TOFF 0 ... 100 ms
Front screen heating:	-
Polarisation filter:	-
Alarm output:	-
Cable material::	PVC
UL File No.:	NRNT2.E128350 & NRNT8.E128350

¹⁾ Limit values, reverse-polarity protected operation in short-circuit protected network max. 8 A

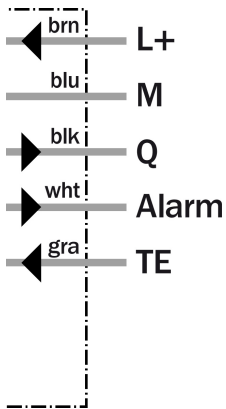
Masszeichnung



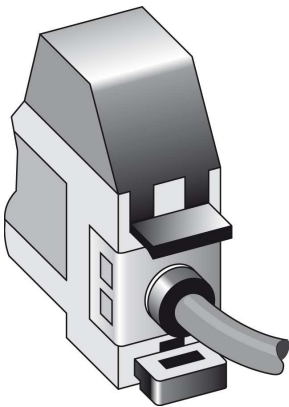
Einstell-Möglichkeiten



Anschluss-Schema



Anschlussart



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