



Photoelectric sensors
Photoelectric switch for fibre-optic cables,
Product group W12-2

WLL12-B5281



Model Name > [WLL12-B5281](#)
Part No. > [1011687](#)



Product features

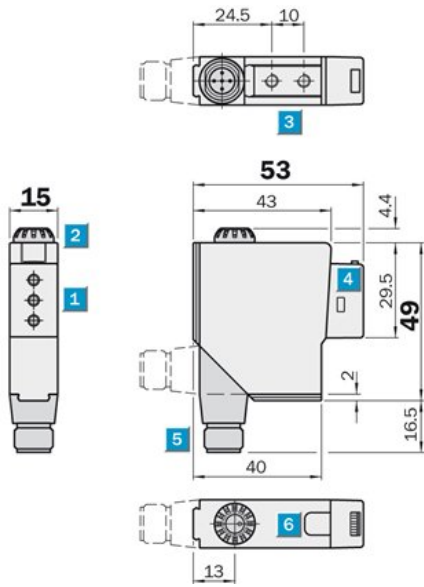
Sensing range min ... max:	0 mm ... 280 mm, 0 mm ... 300 mm
Light source:	LED
Type of light:	Infrared light
Laser:	Infrared light
Sensing range max.:	0 mm ... 280 mm, 0 mm ... 300 mm

Technical data

Design:	cuboid
Dimensions (W x H x D):	15 mm x 49 mm x 53 mm
Supply voltage min ... max:	DC 10 ... 30 V ¹⁾
Ripple:	≤ 5 Vpp
Power consumption:	≤ 35 mA
Switching output:	PNP,Q/NPN, Q
Switching mode:	Light-/dark-switching, switchable
Output current max.:	100 mA
Response time:	360 μs
Switching frequency:	1,300 Hz
Connection type:	Connector, M12, 5-pin
Circuit protection:	V _S connections reverse-polarity protected/Output Q and Q not short-circuit protected/Interference suppression
Enclosure rating:	IP 67
Ambient operation temperature, min ... max:	-25 °C ... +60 °C
Ambient storage temperature, min ... max:	-25 °C ... +70 °C
Weight:	ca. 130 g
Housing material:	die-cast zinc
Series:	W12-2

¹⁾ Limit values

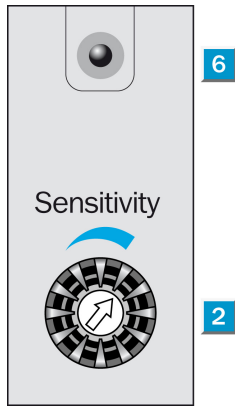
Dimensional drawing



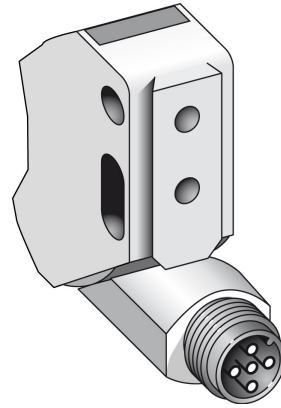
|1| Connector for fibre-optic cable
|2| Sensitivity adjustment

|4| ADR
|5| Plug not rotatable. Plug facing backwards on request
|6| LED signal strength indicator

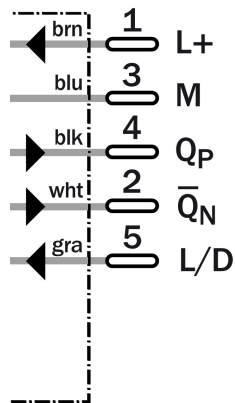
Adjustment possible



Connection type



Connection diagram



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