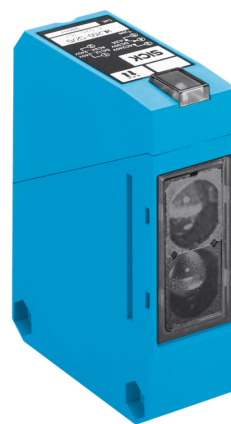


Product group W260, Photoelectric reflex switch

WL260-R270



**Model Name** WL260-R270  
**Part Number** 6020768

- Universal voltage
- Polarizing filter providing reliable detection even of objects with shiny surfaces
- Terminal chamber
- Relay output, SPDT, time delays
- CE generic emission, standard CE 61000-6-3 ("Residential and Commercial Areas")



### Product features

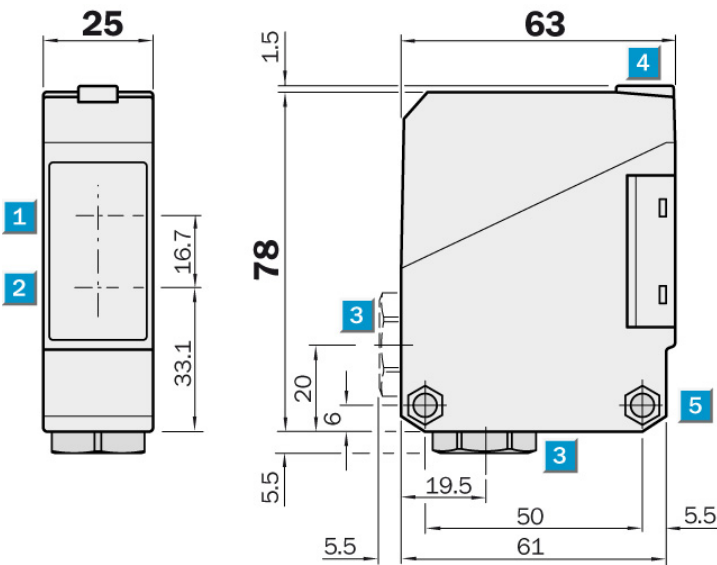
Sensing range min ... max :	0,01 ... 15 m
Relating to :	Reflector PL80A
Sensitivity adjustment :	Potentiometer
Light source :	LED
Type of light :	visible red light
Light spot diameter :	Approx. 300 mm at 10 m distance

### Technical data

Design :	cuboid
Dimensions (W x H x D) :	25 x 78 x 63 mm
Angle of dispersion :	ca. 1.7 °
Supply voltage min ... max :	AC/DC 24 ... 240 V / 12 ... 240 V
Switching output :	Relay 1 x c/o, electrically isolated
Switching mode :	Light-switching
Power consumption :	<= 5 VA
Switching current max. :	3 A/240 V AC; 3 A/30 V DC
Response time :	<= 20 ms
Switching frequency :	25 Hz
Time delay :	OFF delay tOFF: 0.1 ... 10 s, can be connected separately

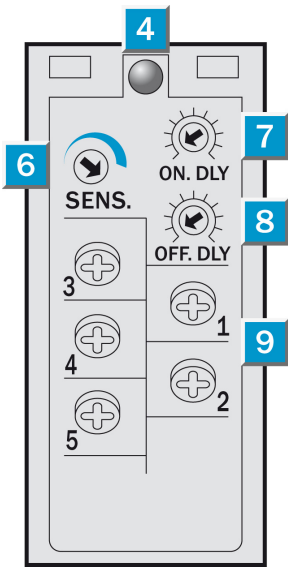
Connection type :	Cable gland
Circuit protection :	Vs connections reverse-polarity protected / Interference suppression
Enclosure rating :	IP 67
Ambient operation temperature, min ... max :	-25 °C ... +55 °C
Ambient storage temperature, min ... max :	-40 °C ... +70 °C
Weight :	ca. 120 g
Front screen heating :	-
Polarisation filter :	✓
Housing material :	ABS
Included with delivery :	Mounting bracket BEF-W260 and reflector P250

## Dimensional drawing



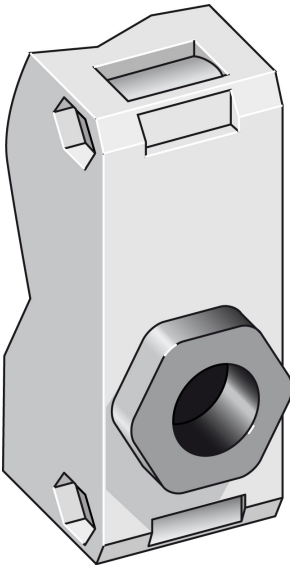
## Adjustment possible

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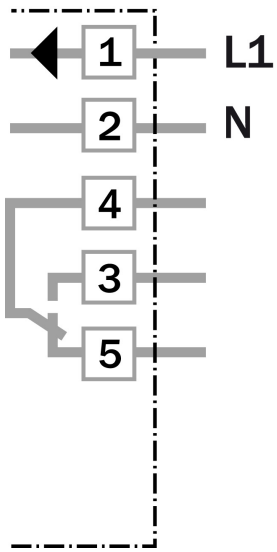


## Connection type

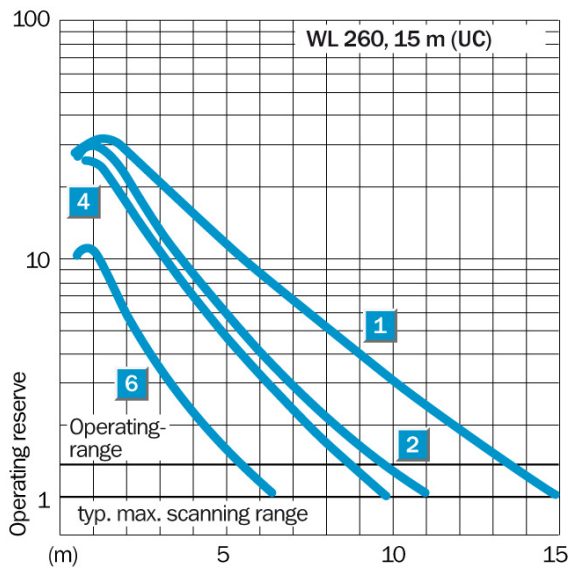
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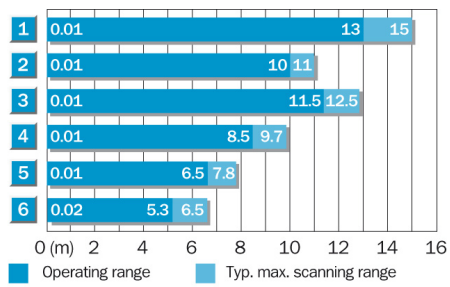
## Connection diagram



## Operating reserve



# Sensing range diagram



Reflector type	Operating range
1 PL 80 A	0.01 ... 13.0 m
2 P 250	0.01 ... 10.0 m
3 PL 50 A or PL 40 A	0.01 ... 11.5 m
4 PL 30 A or PL 31 A	0.01 ... 8.5 m
5 PL 20 A	0.01 ... 6.5 m
6 Reflective tape Diamond Grade	0.02 ... 5.3 m

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