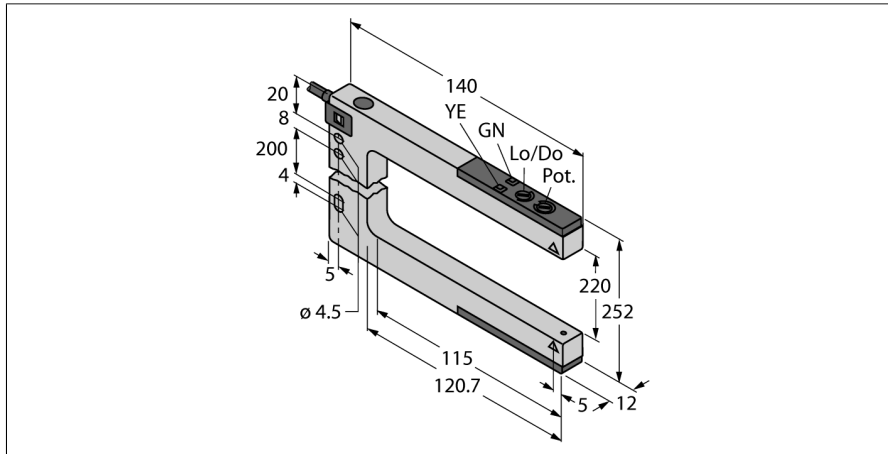


Photoelectric Sensor

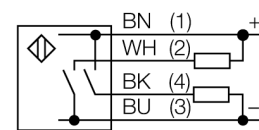
Bifurcated Retroreflective Sensor

SLM220B6 W/30



- Cable, PVC, 9 m
- Protection class IP67
- Sensitivity adjusted via potentiometer
- Operating voltage: 10...30 VDC
- Switching output, bipolar, light or dark operation

Wiring Diagram



Type	SLM220B6 W/30
ID	3075023
Optical data	
Function	Slot sensor
Operating mode	Emitter/receiver pair
Light type	Red
Wavelength	680 nm
Slot width	220 mm
Electrical data	
Operating voltage U_s	10...30 VDC
Residual ripple	< 10 % U_s
DC rated operating current I_s	≤ 100 mA
No-load current I_0	≤ 25 mA
Short-circuit protection	yes
Reverse polarity protection	yes
Output function	NO contact, PNP/NPN
Switching frequency	≤ 1000 Hz
Readiness delay	≤ 100 ms
Response time typical	< 0.5 ms
Setting option	Potentiometer
Mechanical data	
Design	Fork, SLM220
Housing material	Metal, Zinc Die-Cast with Nickel-Plating
Lens	plastic, Acrylic
Electrical connection	Cable, 9 m, PVC
Number of cores	4
Core cross-section	0.35 mm ²
Ambient temperature	-20...+60 °C
Relative humidity	0...95%
Protection class	IP67
Power-on indication	
Power-on indication	LED, Green
Switching state	LED, Yellow
Error indication	LED
Alarm display	LED yellow Flashing

Functional principle

Bifurcated retro-reflective sensors and opposed mode sensors - The advantages of two sensor types combined in a single compact housing. Additional alignment of emitter and receiver is no longer required. The slot widths are 10 mm, 30 mm, 50 mm, 80 mm, 120 mm and 220 mm. The sensor features a potentiometer to adjust the sensitivity and a rotary switch to set light or dark switching.

Tests/approvals

Approvals

CE