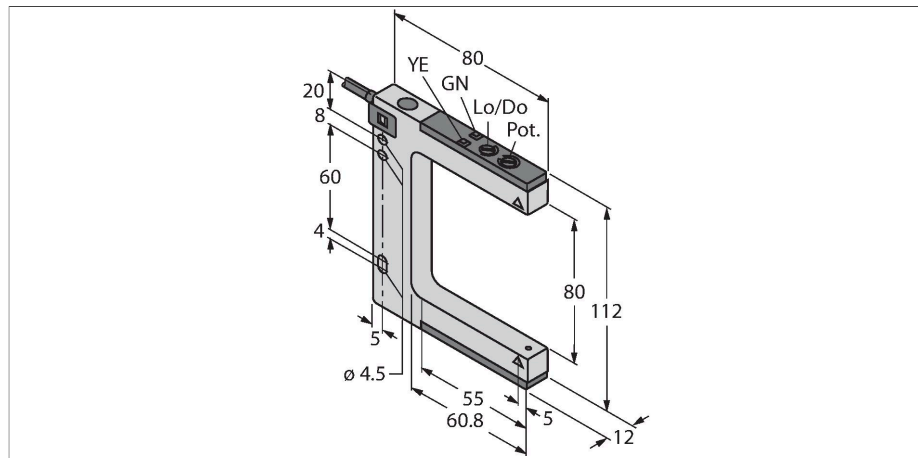


SO80-K12-ANP6X2

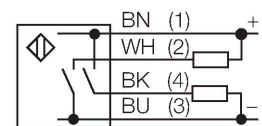
Photoelectric Sensor – Slot Sensor



Features

- Cable, PVC, 2 m
- Protection class IP67
- Sensitivity adjusted via potentiometer
- Operating voltage: 10...30 VDC
- Switching output, bipolar, light or dark operation

Wiring diagram



Technical data

Type	SO80-K12-ANP6X2
ID	7700189
Function	Slot sensor
Light type	Red
Wavelength	680 nm
Operating voltage	10...30 VDC
Residual ripple	< 10 % U _{ss}
DC rated operational current	≤ 100 mA
No-load current	≤ 25 mA
Short-circuit protection	yes
Reverse polarity protection	yes
Output function	NO contact, PNP/NPN
Switching frequency	≤ 1000 Hz
Design	Fork, SLM80
Dimensions	80 x 12 x 112 mm
Housing material	Metal/plastic, ZN
Lens	plastic, Acryl
Electrical connection	Cable, 2 m, PVC
Number of cores	4
Core cross-section	0.35 mm ²
Ambient temperature	-20...+60 °C
Protection class	IP67
Power-on indication	LED, Green
Switching state	LED, Yellow
Error indication	LED
Alarm display	LED yellow flashing

Functional principle

Bifurcated retroreflective 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.