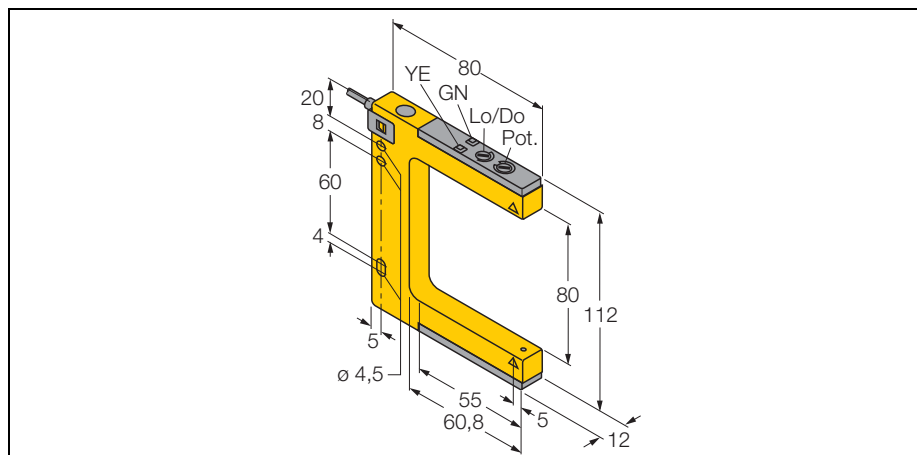
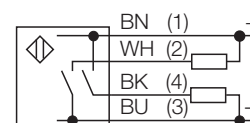


**photoelectric sensor
bifurcated retro-reflective sensor
SLM80B6**



- **Operating voltage 10...30 VDC**
- **Alarm display**
- **sensitivity adjustable via potentiometer**
- **light or dark operation**
- **visible red light**
- **switching frequency 1 kHz**

Wiring diagram



Type	SLM80B6
Ident-No.	3074981
Operating mode	bifurcated retro-reflective sensor
Light type	red
Wavelength	680 nm
Ambient temperature	-20...+ 60°C
Operating voltage	10... 30 VDC
DC rated operational current	≤ 100 mA
No-load current I ₀	≤ 25 mA
Output function	NO contact, pnp/npn
Switching frequency	≤ 1kHz
Housing	slot sensor, SLM80
Dimensions	80x 12x 112mm
Housing material	Metal/ plastic, ZN
Lens	plastic, acrylic
Electrical connection	cables
Cable length	2 m
Cable cross section:	4 x 0.35mm ²
Protection class	IP67
Operating voltage	LED green
Switching state	LED yellow
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 between 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 for sensitivity setting and a rotary switch for light/dark operation.