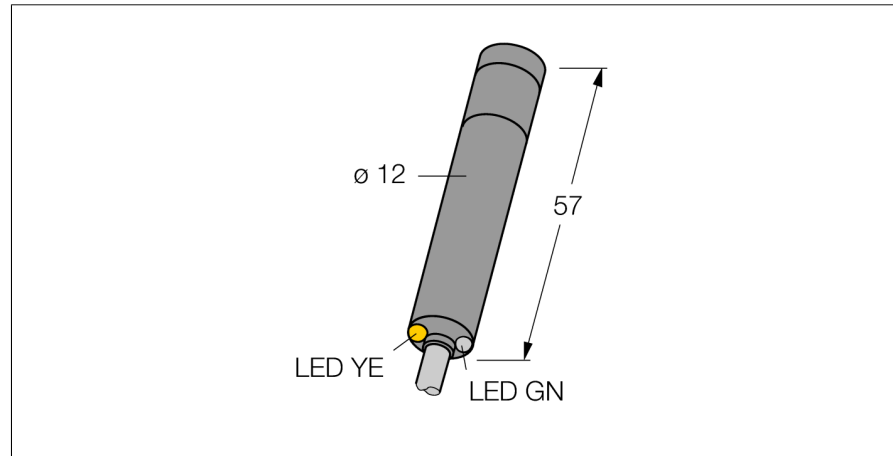
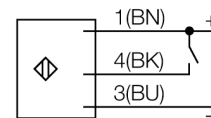


Photoelectric sensor
Opposed mode sensor (laser emitter)
M126E2LD



- Cable, PVC, 2 m, 3-wire
- Protection class IP67
- Aluminium housing
- LED all-round visible
- Laser class 2
- Operating voltage: 10...30 VDC

Wiring diagram



Type code	M126E2LD
Ident no.	3051279
Operating mode	opposed mode sensor (emitter)
Light type	red
Wavelength	650 nm
Laser class	▲ 2
Beam diameter	3 mm
Ambient temperature	0...+40 °C
Operating voltage	10...30VDC
No-load current I ₀	≤ 30 mA
Reverse polarity protection	yes
Readiness delay	≤ 30 ms
Design	cylindrical/smooth, M12
Dimensions	57 mm
Housing diameter	12 mm
Housing material	metal, AL, black
Lens	plastic, acrylic
Connection	cable, PVC
Cable length	2 m
Cable cross section	3 x 0.34 mm ²
Protection class	IP67
Power-on indication	LED green
Display release	LED, yellow

Functional principle

Opposed mode sensors consist of an emitter and receiver. They are installed opposite each other so that the light from the emitter is aimed directly at the receiver. When an object interrupts or weakens the light beam, the sensor switches. Opposed mode sensors are the most reliable photoelectric sensors for detection of opaque targets. An excellent contrast between light and dark conditions and an extremely high excess gain are typical of this sensing mode, thus allowing operation over larger distances and under difficult conditions.