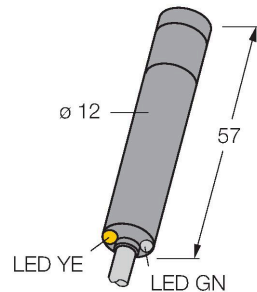


# M126E2LDQ5

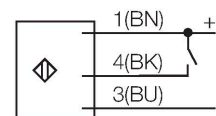
## Photoelectric Sensor – Opposed Mode Sensor (Laser Emitter)



### Features

- Cable with male end M12 × 1, 4-pin, PVC, 150 mm
- Protection class IP67
- Aluminum housing
- LED all-round visible
- Laser class 2
- Operating voltage: 10...30 VDC

### Wiring diagram



### Technical data

Type	M126E2LDQ5
ID no.	3055462
<b>Optical data</b>	
Function	Opposed mode sensor
Operating mode	Laser Emitter
Light type	Red
Wavelength	650 nm
Laser class	▲ 2
Beam diameter	3 mm
Range	30000 mm
<b>Electrical data</b>	
Operating voltage	10...30 VDC
No-load current	≤ 30 mA
Reverse polarity protection	yes
Readiness delay	≤ 30 ms
<b>Mechanical data</b>	
Design	Smooth barrel, M12
Dimensions	Ø 12 x 57 mm
Housing material	Metal, AL, Black
Lens	plastic, Acrylic
Electrical connection	Cable with connector, M12 × 1, 0.15 m, PVC
Number of cores	4
Ambient temperature	-20...+60 °C
Protection class	IP67
Special features	Laser
Power-on indication	LED, Green
Excess gain indication	LED
Display release	LED, yellow

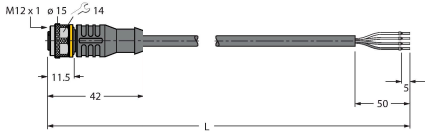
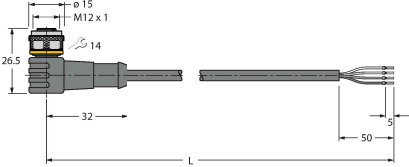
### Functional principle

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.

Technical data

Tests/approvals

Accessories

Dimension drawing	Type	ID no.	
	RKC4.4T-2/TEL	6625013	Connection cable, female M12, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see <a href="http://www.turck.com">www.turck.com</a>
	WKC4.4T-2/TEL	6625025	Connection cable, female M12, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see <a href="http://www.turck.com">www.turck.com</a>