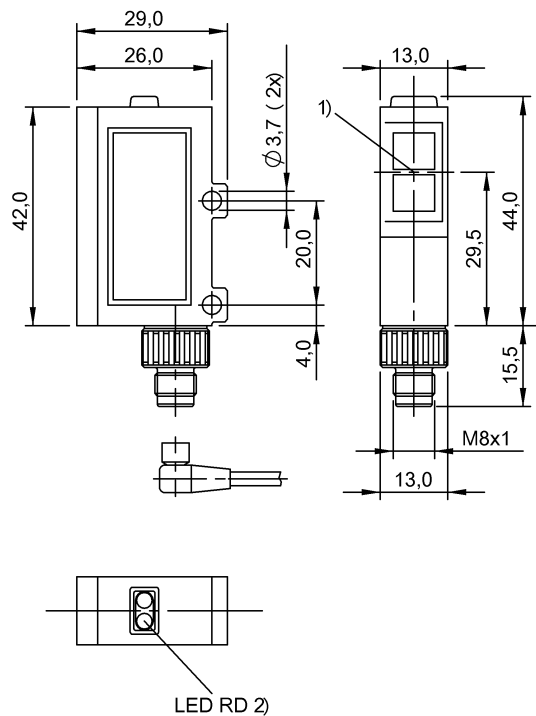




1) Optical axis, 2) Operating voltage



Basic features

Approval/Conformity	CE WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Photoelectric sensor
Reference receiver	BLE 15K-R-F5-..
Series	15K
Style	Square Connection 90°

Display/Operation

Display	LED red: Power
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Electrical connection

Connection	Connector, M8x1-Male, 4-pin
Polarity reversal protected	yes

Electrical data

Input function	Test (Emitter off)
No-load current I_o max. at U_e	30 mA
Operating voltage U_b	10...30 VDC
Rated insulation voltage U_i	75 V DC
Rated operating voltage U_e DC	24 V
Ripple max. (% of U_e)	8 %

Environmental conditions

Ambient temperature	-15...55 °C
EN 60068-2-27, Shock	Half-sinus, 30 g_n , 11 ms, 3x6
EN 60068-2-6, Vibration	10...55 Hz, amplitude 1.5 mm, 3x2 h
IP rating	IP66

Material

Housing material	ABS
Material sensing surface	PMMA

Mechanical data

Dimension	13 x 59.5 x 29 mm
Mounting part	Screw M3

Range/Distance

Range	0...5 m
Rated operating distance Sn	5 m, Adjustable

Optical features

Light type	Infrared
Principle of optical operation	Through-beam sensor (Emitter)
Wave length	880 nm

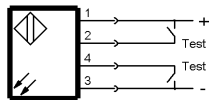
Remarks

Order accessories separately.
For additional information, refer to user's guide.

Connector Drawings



Wiring Diagrams (Schematic)



Opto Symbols

