

Overview

- Most secure object detection due to the barrier principle
- Test input for deactivating the transmitter diode
- Quick mounting by means of M3 threaded bushes made of stainless steel



Picture similar



Technical data

General data

Type	Through beam sensor
Emitter / receiver	Emitter
Light source	Pulsed red LED
Actual range Sb	5 m
Nominal range Sn	6 m
Power on indication	LED green
Wave length	644 nm
Alignment optical axis	< 1,5°

Electrical data

Voltage supply range +Vs	10 ... 30 VDC
Current consumption max. (no load)	20 mA (@ 30 VDC)
Current consumption typ.	16 mA (@ 24 VDC)
Reverse polarity protection	Yes

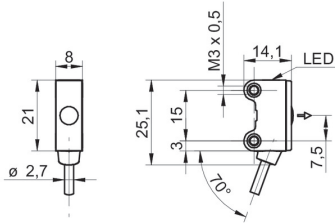
Mechanical data

Width / diameter	8 mm
Height / length	25,1 mm
Depth	14,1 mm
Type	Rectangular
Mechanical mounting	Threaded sleeves M3 (stainless steel)
Housing material	Plastic (ASA, PMMA)
Front (optics)	PMMA
Connection types	Cable 4 pin, 2 m
Cable characteristics	PVC / PVC 4 x 0,08 mm ²

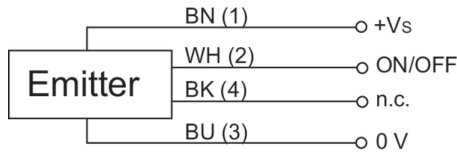
Ambient conditions

Operating temperature	-25 ... +50 °C
Protection class	IP 67

Dimension drawing



Connection diagram



Beam characteristic (typically)

