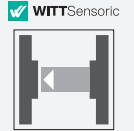




Safety thru-beam sensor INNO-PRO-10M-OSE-13m

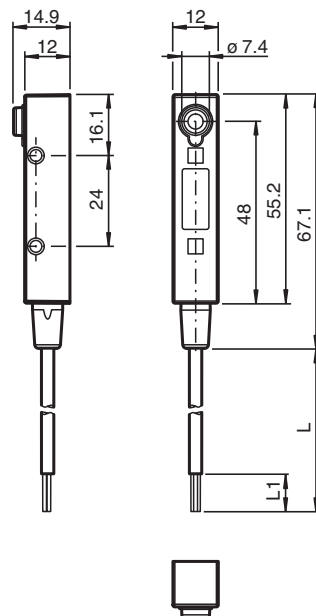


- Indicator LED in the viewing window
- OSE Output
- Not sensitive to ambient light
- High degree of protection (IP67), fully encapsulated
- Small size

Safety thru-beam sensor



Dimensions



Technical Data

System components

Emitter	INNO-PRO-T
Receiver	INNO-PRO-R

General specifications

Effective detection range	1 ... 10 m
Threshold detection range	14 m
Number of protective field beams	1
Light source	IRED
Light type	modulated infrared light 850 nm
Safety type according to IEC/EN 61496	4

Release date: 2024-07-02 Date of issue: 2024-07-02 Filename: 64316403_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Marking		CE
Diameter of the light spot		approx. 1.4 m at a distance of 10 m
Opening angle		$\pm 4^\circ$
Optical face		frontal
Ambient light limit		100000 Lux
Indicators/operating means		
Operation indicator		Receiver: LED red
Function indicator		emitter LED red: lit when the light beam is interrupted LED green: lights up when light beam is free
Stability alarm indicator		Emitter: flashing red/green
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC
Operating current	I_B	Emitter: typ. 20 mA Receiver: typ. 10 mA
Power consumption	P_0	
Output		
Output type		OSE
Switching type		light-on
Signal output		max. 30 ... 40 mA
Short-circuit-proof		yes
Energized/De-energized delay		typ. 100 ms
Conformity		
Functional safety		ISO 13849-1 , Cat. 2 PL d
Product standard		EN 61000-6-2, EN 61000-6-3 , EN 12978
Ambient conditions		
Ambient temperature		-25 ... 55 °C (-13 ... 131 °F)
Storage temperature		-25 ... 75 °C (-13 ... 167 °F)
Relative humidity		max. 95 %, not condensing
Mechanical specifications		
Degree of protection		IP67 according to EN 60529
Connection		13 m fixed cable
Material		
Housing		ABS impact resistant , V0 according UL94
Mass		360 g
Dimensions		
Height		48 mm
Width		12 mm
Depth		12 mm