Dimensions

OBT15-R3F-E2-0,2M-V31-L







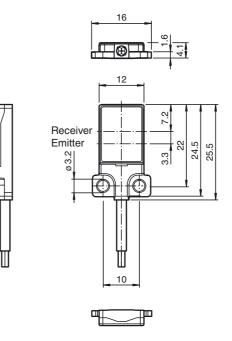
Model Number

OBT15-R3F-E2-0,2M-V31-L

Laser triangulation sensor with background suppression with 0.2 m fixed cable and M8 plug, 4-pin

Features

- ٠ Very flat design for direct mounting without mounting bracket
- ٠ DuraBeam Laser Sensors - durable and employable like an LED
- ٠ Small parts detection from 0.05 mm
- Highly visible light spot, even on dark • materials
- Extremely small light spot for very • high switching point accuracy
- Precision object detection, almost • irrespective of the color



Electrical connection



Pinout



Wire cold	rs in accor	dance with EN 60947-5-2
1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

Release date: 2019-10-29 09:27 Date of issue: 2019-10-29 263513_eng.xml

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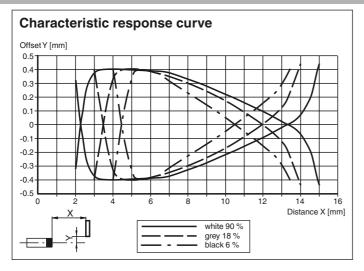
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0 mA	Accessories
	V31-GM-2M-PUR
	Female cordset single-ended, M8, 4-pin,
Deantast (light an	PUR cable
PNP output, short-circuit protected, reverse polarity protected, en collector	V31-WM-2M-PUR
ax. 30 V DC	Female cordset single-ended, M8, 4-pin,
ax. 50 mA	PUR cable
.5 V DC	Other suitable accessories can be found a
	www.pepperl-fuchs.com
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1 600.47 5 0	
00023 1.2007	
0 60 °C (14 140 °F)	
mm	
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67	
0 mm fixed cable with 4-pin, M8x1 connector	
-	
0 mm	
87056 , cULus Recognized, Class 2 Power Source	
CC approval / marking not required for products rated \leq 36 V	
C 60825-1:2007 Complies with 21 CFR 1040.10 and 040.11 except for deviations pursuant to Laser Notice No. 0. dated June 24, 2007	
	P contact / light on NP output, short-circuit protected, reverse polarity protected, an collector x. 30 V DC x. 50 mA .5 V DC prox. 2 kHz 0 μ s 60947-5-2 60825-1:2007 60 °C (14 140 °F) 70 °C (-4 158 °F) mm 5 mm mm 7 0 mm fixed cable with 4-pin, M8x1 connector (Polycarbonate) and Stainless steel MA R prox. 10 g m 37056 , cULus Recognized, Class 2 Power Source CC approval / marking not required for products rated ≤36 V C 60825-1:2007 Complies with 21 CFR 1040.10 and

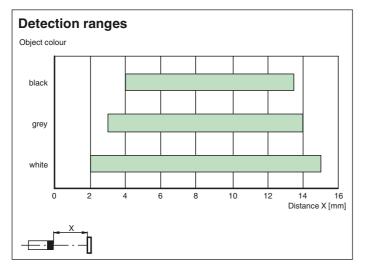
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Curves/Diagrams





Laser notice laser class 1

- The irradiation can lead to irritation especially in a dark environment. Do not point at people!
- Maintenance and repairs should only be carried out by authorized service personnel!
- · Attach the device so that the warning is clearly visible and readable.
- The warning accompanies the device and should be attached in immediate proximity to the device.
- Caution Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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