Thru-beam sensor



Model Number

LD28/LV28-F1/47/73c/76a

Thru-beam sensor

with 4-pin, M12 x 1 plastic connector

Features

- Universal series with highly versatile ٠ fields of use
- Resistant against noise: reliable • operation under all conditions
- Highly visible LED as alignment aid in • receiver optics
- Emitter with test input •
- Version with red light •

Dimensions



Electrical connection





Refer to "General Notes Relating to Pepperl+Fuchs Product Information" Pepperl+Fuchs Group www.pepperl-fuchs.com

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LD28/I	LV28-F	1/47/7	73c/7	6a

		Ac
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L	.D28-F1/73C/76A	Mc Mc
L	V28-F1/47/73c	she
		5116
0	0 30 m	ON
4	40 m	
		sh
	-	~
il fl	luminated constantly: beam is interrupted, lashes: reaching switching point,	ON Mo
F	1 = 25 kHz	Mo
a	upprox. 0.6 m at 30 m	
F	Receiver 5°	OI do
5	0000 Lux	
eters		0
		Mo
		~-
9	00 %	
		w
L 1 re 2 s	ED yellow: . LED lit constantly: signal > 2 x switching point (function eserve) 2. LED flashes: signal between 1 x switching point and 2 x witching point	Ad Inte
s	ensitivity adjustment (Adjustment to < 25% of the effective	
-		
U _B 1	0 30 V DC	
D		
		1
e	emitter deactivation at +U _B ($I_{max.}$ < 3 mA at 30 V DC)	i i
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р	protected , open collectors	
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E	EIN 00947-3-2	
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-4	······································	ĺ
0	25.8 mm	
		ĺ
C	Plastic ABS	
		í .
	II, rated voltage \leq 250 V AC with pollution degree 1-2 according to IEC 60664-1	
	L L L L L L L L L L L L L L	LEDmodulated visible red light , 660 nmLED red (in receiver lens)illuminated constantly: beam is interrupted, flashes: reaching switching point, off: sufficient stability controlF1 = 25 kHzapprox. 0.6 m at 30 mEmitter 1.2°, Receiver 5° 50000 Lux620 a20 a90 %LED greenLED yellow: 1. LED lit constantly: signal > 2 x switching point (function reserve)2. LED flashes: signal between 1 x switching point and 2 x switching point 3. LED off: signal < switching point 3. LED off: signal < switching point 3. LED off: signal < switching point 9. Light-on/dark-on changeover switchUB 10 30 V DC 10 %lo Emitter: \leq 55 mA Receiver: \leq 35 mAemitter deactivation at +UB (l _{max.} < 3 mA at 30 V DC)

sories

)5 ng aid for round steel ø 12 mm or .5 mm ... 3 mm

17

ng aid for round steel ø 12 mm or .5 mm ... 3 mm

1 ng bracket

22 ng bracket

MLV11-K ail mounting clamp

RLK29-HW ng bracket for rear wall mounting RL28-C

lag cover model

nal accessories can be found in the

PEPPERL+FUCHS

Singapore: +65 6779 9091

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Curves/Diagrams







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