

laser digital - rod type sensor

type: LAS 3



picture alike

LAS 3

5006 013x 0000

Apr-21

- _ easy installation
- _ integrated amplifier
- _ laser protection class 2
- _ laser beam (visible)
- _ robust metal housing
- _ switching state indicator
- _ high range
- _ insensitive to dirt accumulation and external effect of light
- _ 3 pin M8 connector

application range

position detection

technical data

feature	
voltage supply	15 .. 32 V DC
max. current	90 mA
transmitter	laser, 670nm class 1
receiver	photo transistor
housing	brass nickel-plates
output	depends on type PNP/NPN* 100mA
distance transmitter/receiver	<=20m
aperture	0.5 mm
switching frequency	1 kHz
ability for reproduction	depends on type 1% of aperture

subject to change

TRsystems GmbH, system area
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www.unidor.de

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ambient conditions

operating temperature range	-20 .. +50°C
enclosure rating	IP 67
ambient light level	5000 Lux

*depends on type PNP high-signal at free light beam alt. NPN high-signal at free light beam

order data / types

type	description	order number
LAS 3 transmitter	(0.5/S) M8x1 aperture 0.5mm	5006 0130 0000
LAS 3 receiver	PNP (P/0.5/S) M8x1 aperture 0.5mm	5006 0131 0000
LAS 3 receiver	NPN (N/0.5/S) M8x1 aperture 0.5mm	5006 0132 0000
CCB LAS 3	(3B/X) transmitter 2m	6410 4010 0000
CCB LAS 3	(3B/X) receiver 2m	6410 4011 0000

pin assignment

type	PIN 1 br	PIN3 bl	PIN4 bk
LAS 3 transmitter	+24V DC	GND (0V)	shield
LAS 3 receiver	+24V DC	GND (0V)	output

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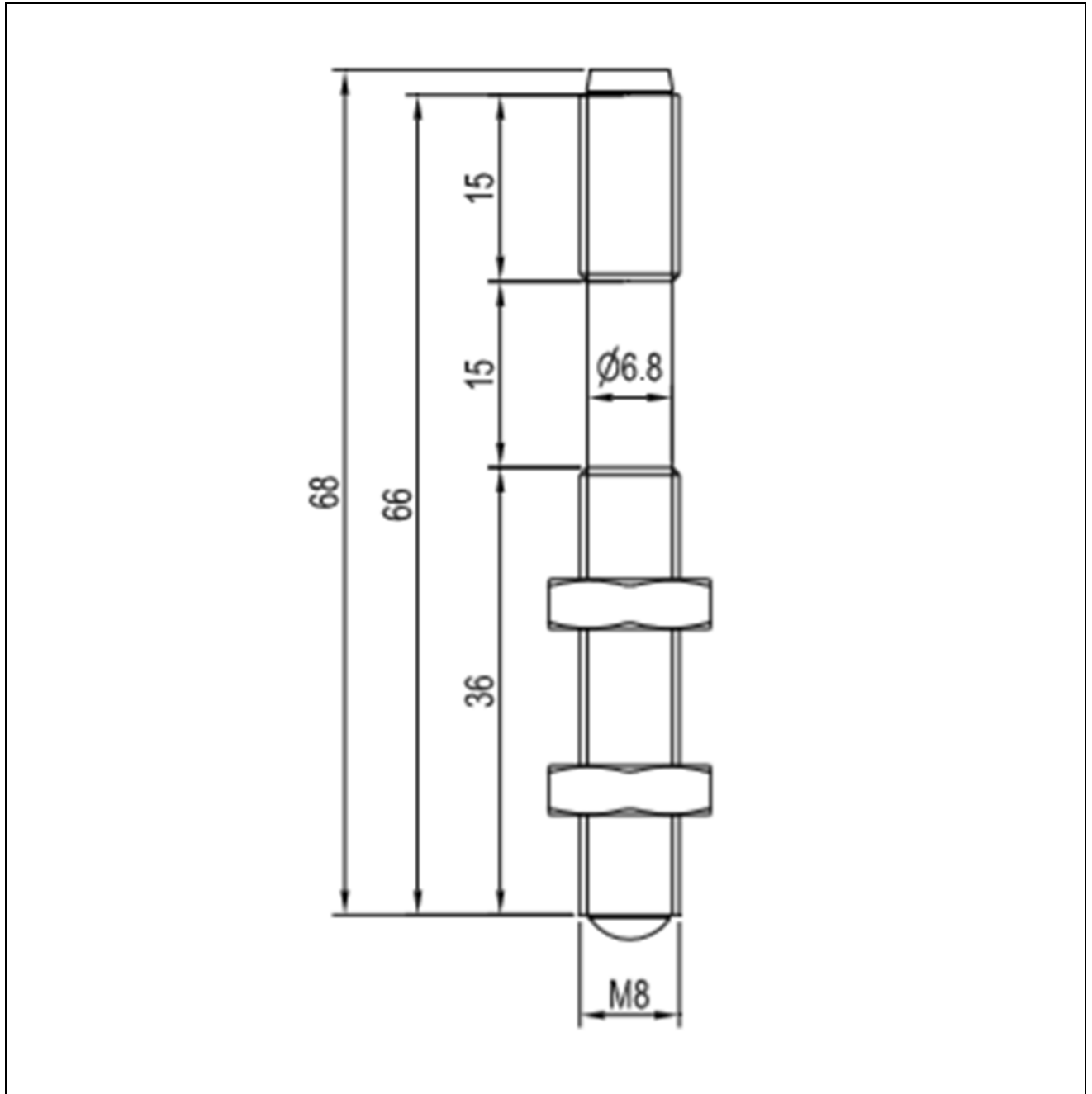
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dimensions

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