

# light sensor

type: ORS400



picture alike

## ORS400

5101 9xxx

Apr-21

- \_ red light laser
- \_ background fade-out
- \_ stainless steel plug (V2A)
- \_ light/dark switching
- \_ scanning range adjustable
- \_ integrated amplifier

## application range

position detection

feed rate detection

## technical data

feature	
voltage supply	10... 30V DC
max. current	20mA
transmitter	laser 655nm, laserclass 2
light spot diameter (at scanning range)	3mm (60); 2mm (200); 5mm (400)
housing	plastic
output	PNP 200mA NO/NC
distance (typ.)	adjustable 65...400mm
switching frequency	600 Hz
switching hysteresis	<1%
ambient light	10,000 Lux
setting	potentiometer
connection	M14 4pin
background fade-out	yes

## subject to change

TRsystems GmbH, system area  
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## ambient conditions

operating temperature range	-25 .. +60°C
enclosure rating	IP 67

## order data / types

type	description	order number
ORS400	reflection light sensor	5101 9xxx

## pin assignment

type	PIN1	PIN 2	PIN 3	PIN 4
ORS400	Ub+	NC	Ub-	NO

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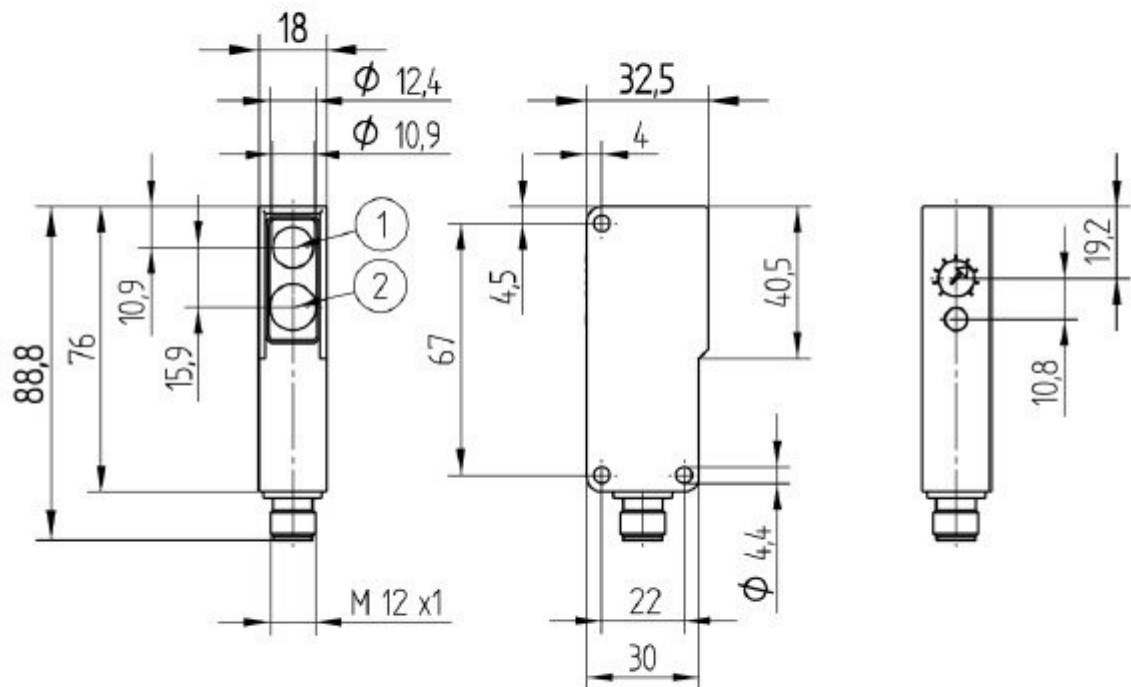
type: ORS400

## dimensions

ORS400

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1= Transmitterdiode

2= Receiverdiode

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