

## XUYFALNEP40002

fotoelektrični senzor–XUY–viličasti–laser–sposobnost  
učenja–2x42mm–12..24V DC–M8



### Glavno

Range of product	OsiSense XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fork
Detection system	Thru beam
Emission	Infrared laser, modulated (class 1) conforming to IEC 825-1
Passage width	2 mm
Passage depth	42 mm
Material	Metal/plastic
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP and NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Detection of reference marks Detection of transparent object Detection on vibrating rail Detection on small conveyor
[Sn] nominal sensing distance	2 mm

### Komplementarno

Enclosure material	Painted aluminium and polyamide/glass
Keypad type	Yellow
Minimum object diameter for detection	0.05 mm
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (red) for adjustment mode and keypad locking 1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	100 mA (overload and short-circuit protection)
Switching frequency	10 kHz
Voltage drop	< 2 V (closed state)
Current consumption	40 mA (no-load)
Load capacitance	330 nF
Time response	-20...20 μs
Setting-up	Self teaching
Product weight	0.19 kg

### Okolina

product certifications	CE CULus
ambient air temperature for operation	-20...60 °C
ambient air temperature for storage	-30...80 °C
immunity to ambient light	10000 lux with natural light 5000 lux with incandescent bulb

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**BN** : Brown

**WH** :White

**BK** : Black

**BU** : Blue