

## XUYFALNEP40005

fotoelektrični senzor–XUY–viličasti–laser–sposobnost  
učenja–5x42mm–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	5 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	5 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

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda.  
Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene.  
Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i popunnu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog.  
Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

vibration resistance	7 gn, amplitude = +/- 0.75 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529

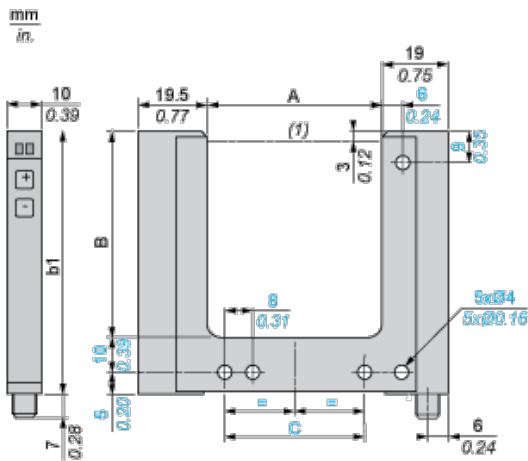
**Offer Sustainability**

Not Green Premium product	Not Green Premium product
Compliant - since 0652 - Schneider Electric declaration of conformity	Compliant - since 0652 - Schneider Electric declaration of conformity

**Contractual warranty**

Warranty period	18 months
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**Dimensions**



(1) Optical axis

Dimensions in mm

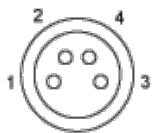
A	B	b1	C
5	42	57	14

Dimensions in in.

A	B	b1	C
0.20	1.65	2.24	0.55

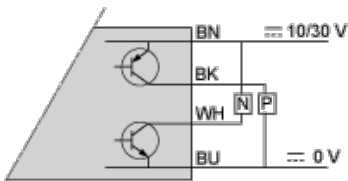
**Wiring Schemes**

**M8 Connector**



- 1 : BN: Brown
- 2 : WH: White
- 3 : BU: Blue
- 4 : BK: Black

**4-Wire, PNP/NPN Outputs**



**BN** : Brown

**WH** :White

**BK** : Black

**BU** : Blue