

XUYDCFCO966S

fotoelektrični senzor – XUY – konektor M8 – Sn 4 mm – odvojeni poluvodič



Glavno

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fiber design
Detection system	Diffuse
Emission	White LED (450 - 650 nm)
[Sn] nominal sensing distance	18 mm with fiber optic XUYFPDC61/101 4 mm with fiber optic XUYFPDCM861/M8101
Material	Plastic
Switching frequency	< 20 kHz
Type of output signal	Discrete
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

Komplementarno

Enclosure material	Polyamide
Lens material	Polyamide
Pulse frequency	40 kHz
Spot diameter	1.5 mm
Depth of field	- 3...1 mm with fiber optic XUYFPDC61/101 - 5...7 mm with fiber optic XUYFPDC61/101 +/- 1 mm with fiber optic XUYFPDCM861/M8101
Output type	Solid state
Status LED	1 LED for output state indication
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Voltage state 0 guaranteed	< 1.4 V
Voltage state 1 guaranteed	> 3 V
Switching capacity in mA	100 mA (overload and short-circuit protection)
Voltage drop	< 2 V (closed state)
Current consumption	50 mA
Delay response	25 μs
Delay recovery	25 μs
Setting-up	With sensitivity adjustment
Product weight	0.047 kg

Okolina

product certifications	CE CULus
ambient air temperature for operation	0...40 °C
ambient air temperature for storage	-20...80 °C
immunity to ambient light	10000 lux with natural light 20000 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 potpunu 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.

Offer Sustainability

Not Green Premium product

Not Green Premium product

Compliant - since 0707 - Schneider Electric declaration of conformity

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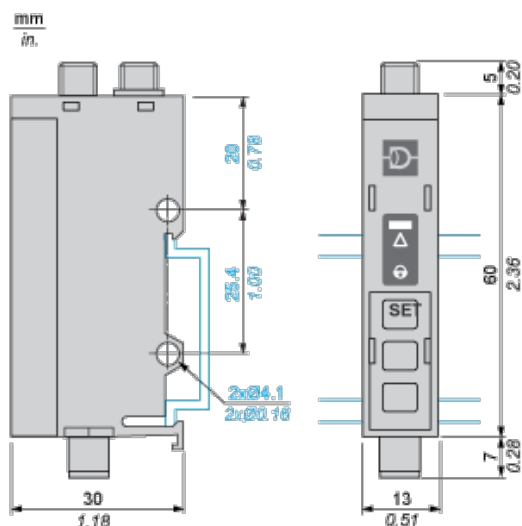
Contractual warranty

Warranty period

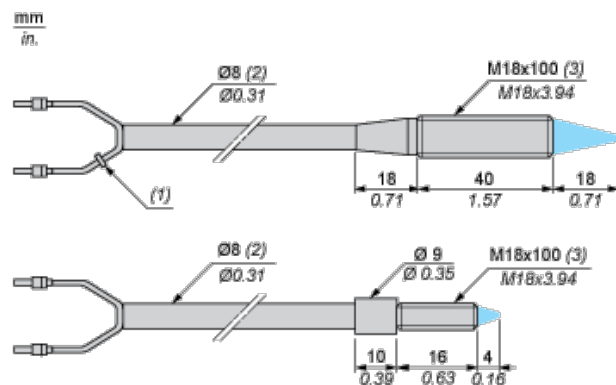
18 months

Dimensions

Sensors Dimensions



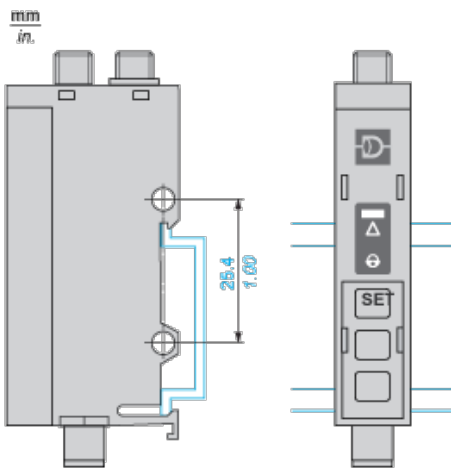
Fibres Dimensions (To be Ordered Separately)



- (1) The ring indicates that the fibre is transmitting
- (2) Bend radius: 15 mm
- (3) 2 nuts included with fibre optic

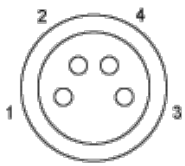
Mounting and Clearance

Mounting on 35 mm rail

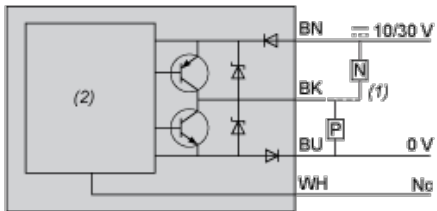


Wiring Schemes

Scheme



- 1 : Brown
- 2 : White
- 3 : Blue
- 4 : Black



BN : Brown

WH : White

BU : Blue

BK : Black

(1) High level on first shade "taught"

NC : Not connected