



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Plastic
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Electrical connection	Cable
Cable length	5 m
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	15 m thru beam need a receiver

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	20 m thru beam
Output type	Solid state
Add on input	Test by emission breaking
Wire insulation material	PvR
Status LED	1 LED (green) for supply on
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...36 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Voltage drop	1.5 V (closed state)
Current consumption	35 mA (no-load)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Delay first up	< 15 ms
Delay response	< 1 ms
Delay recovery	< 1 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Length	46 mm

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 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 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

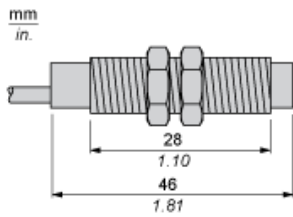
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

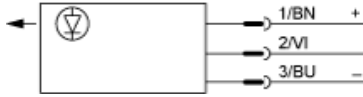
Warranty period	18 months
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Dimensions



Wiring Schemes

Transmitter



BN : Brown
BU : Blue
VI : Violet

Input 2/VI:

- not connected: beam made
- connected to -: beam broken

Detection Curves

