

## xub1bnbnm12

photo-electric sensor - XUB - reflex - Sn 4m -  
12..24VDC - M12



### Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Metal
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NC
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	4 m reflex need reflector XUZC50

### Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	5.5 m reflex
Output type	Solid state
Add on output	Without
Status LED	1 LED (yellow) for output state
[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)
Delay first up	< 15 ms
Delay response	< 1 ms
Delay recovery	< 1 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Length	60 mm
Product weight	0.05 kg

### 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  
IP69K double insulation conforming to DIN 40050

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## Offer Sustainability

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Sustainable offer status	3389110148954
RoHS	Compliant - since 0903 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	3389110148954
Product end of life instructions	3389110148954

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