

XUBLBNCNL2R

photo-electric sensor - XUB - receiver - laser -
Sn 100m - 12..24VDC - cable 2m

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Metal
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Red laser thru beam (class 1), wavelength: 2.6378E-05 in (670 nm) conforming to IEC 60825-1
[Sn] nominal sensing distance	0..328.08 ft (0..100 m) thru beam need a transmitter XUBLBKCNL2T

Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Output type	Solid state
Wire insulation material	PvR
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state 1 LED (red) for stability
[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	<= 1500 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	25 mA (no-load)
Delay first up	< 80 ms
Delay response	< 0.4 ms
Delay recovery	< 0.4 ms
Diameter	0.71 in (18 mm)
Length	2.44 in (62 mm)
Product weight	0.26 lb(US) (0.12 kg)

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Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	14...113 °F (-10...45 °C)
Ambient air temperature for storage	-40...158 °F (-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	IP67 double insulation conforming to IEC 60529

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119023702
Nbr. of units in pkg.	1
Package weight(Lbs)	0.20
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0901 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months
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