Product datasheet
Characteristics

XUBLBPCNL2R
photo-electric sensor - XUB - receiver - laser - Sn 100m - 12..24VDC - cable 2m

Price* : 165.32 GBP

Main

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	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Red laser thru beam class 1 670 nm conforming to IEC 60825-1
[Sn] nominal sensing distance	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
Maximum voltage drop	<1.5 V (closed state)

Current consumption	25 mA no-load
Maximum delay first up	80 ms
Maximum delay response	0.4 ms
Maximum delay recovery	0.4 ms
Diameter	18 mm
Length	62 mm
Product weight	0.12 kg

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-10…45 °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	IP67 double insulation conforming to IEC 60529

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months