

Product Datasheet

Characteristic

XUBLAPCNM12

photo-electric sensor - XUB - thru beam
- laser - Sn 100m - 12..24VDC - M12



Main

range of product	OsiSense XU
series name	Application material handling
electronic sensor type	Photo-electric sensor
sensor name	XUB
sensor design	Cylindrical M18
detection system	Thru beam
material	Plastic
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	1 male connector M12
emission	Red laser (class 1), wavelength: 2.6378E-05 in (670 nm) conforming to IEC 825-1
[Sn] nominal sensing distance	328.08 ft (100 m)

Complementary

enclosure material	PBT
lens material	PMMA
blind zone	0 in (0 mm)
output type	Solid state
status LED	1 LED (green) supply on and teaching 1 LED (red) stability 1 LED (yellow) output state and alignment aid
[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)
power consumption in W	< 1 W
delay first up	< 80 ms

delay response	< 0.4 ms
delay recovery	< 0.4 ms
setting-up	With sensitivity adjustment
product weight	0.17 lb(US) (0.078 kg)
kit composition	Transmitter + receiver XUBLAKCNM12T + XUBLAPCNM12R

Environment

product certifications	CE UL CSA
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 = +/- 0.75 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

RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold