Product Datasheet

Characteristic

XUB9APANM12

photo-electric sensor - XUB - polarised - Sn 2m - 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	Polarised reflex
material	Plastic
line of sight type	Axial
type of output signal	Discrete
supply circuit type	DC
wiring technique	3-wire
discrete output type	PNP
discrete output function	1 NO
electrical connection	1 male connector M12, 4 pins
product specific application	-
emission	Red polarised reflex
[Sn] nominal sensing distance	6.56 ft (2 m) polarised reflex need reflector XUZC50

Complementary

enclosure material	PBT
lens material	PMMA
maximum sensing distance	9.84 ft (3 m) polarised reflex
output type	Solid state
add on output	Without
wire insulation material	PvR
status LED	1 LED (yellow) 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	0.71 in (18 mm)
length	2.44 in (62 mm)
product weight	0.09 lb(US) (0.04 kg)

Environment

product certifications	CE CSA UL
ambient air temperature for operation	-13...131 °F (-25...55 °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	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 IP69K double insulation conforming to DIN 40050

Offer Sustainability

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