Product data sheet
Characteristics

XUAH0525
photo-electric sensor - XUA - diffuse - Sn 0.05m - 12..24VDC - cable 2m

Product availability : Stock - Normally stocked in distribution facility



Main

Range of product	OsiSense XU
Series name	Application assembly
Electronic sensor type	Photo-electric sensor
Sensor name	XUA
Sensor design	Cylindrical M8
Detection system	Diffuse
Material	Metal
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 NC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.16 ft (0.05 m) diffuse

Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	0.2 ft (0.06 m)
Output type	Solid state
Add on output	Without
Cable composition	3 x 0.14 mm²

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Wire insulation material	PvR
Cable outer diameter	0.14 in (3.5 mm)
Status LED	1 LED (yellow) output state
[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	<= 1000 Hz
Voltage drop	<= 1 V (closed state)
Current consumption	<= 25 mA (no-load)
Delay first up	<= 20 ms
Delay response	<= 0.5 ms
Delay recovery	<= 0.5 ms
Setting-up	Without sensitivity adjustment
Diameter	0.31 in (8 mm)
Length	1.85 in (47 mm)
Product weight	0.03 lb(US) (0.015 kg)

Environment

Product certifications	CULus CE
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-22...158 °F (-30...70 °C)
Vibration resistance	7 gn, amplitude = +/- 1 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 conforming to IEC 60529

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901738626
Nbr. of units in pkg.	1
Package weight(Lbs)	0.17000000000000001
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0732 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months