XUX0AKSAM12

photo-electric sensor - XUX - multi - Sn 0..40m - 12..24VDC - M12



Product availability: Stock - Normally stocked in distribution facility



Main	
Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	General purpose multimode
Electronic sensor type	Photo-electric sensor
Sensor name	XUX
Sensor design	Compact 92 x 71
Detection system	Multimode
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Red polarised reflex Infrared thru beam Infrared diffuse with background suppression Infrared diffuse
[Sn] nominal sensing distance	131.23 ft (40 m) thru beam need a transmitter XUX0AKSAM12T 36.09 ft (11 m) polarised reflex need reflector XUZC50

6.56 ft (2 m) diffuse

4.27 ft (1.3 m) diffuse with background suppression

Complementary

Complementary	
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	4.27 ft (1.3 m) diffuse with background suppression 196.85 ft (60 m) thru beam 9.84 ft (3 m) diffuse 49.21 ft (15 m) polarised reflex
Output type	Solid state
Add on output	With alarm output, <= 100 mA with overload and short-circuit protection
Status LED	1 LED (yellow) for output state 1 LED (red) for instability 1 LED (green) for supply
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 35 mA (no-load)
Delay first up	< 200 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Self-teaching
Depth	3.03 in (77 mm)
Height	3.62 in (92 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Width	1.22 in (31 mm)
Product weight	0.44 lb(US) (0.2 kg)
Environment	
Product certifications	CE CSA UL
Ambient air temperature for operation	-13131 °F (-2555 °C)
Ambient air temperature for storage	-40158 °F (-4070 °C)
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 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 IP65 double insulation conforming to IEC 60529
Ordering and shipping details Category	22481 - SENSORS, PHOTOELECTRIC
	DS2
Discount Schedule	1157
Discount Schedule GTIN	
GTIN	00785901582489 1
GTIN Nbr. of units in pkg.	00785901582489
	00785901582489
GTIN Nbr. of units in pkg. Package weight(Lbs)	00785901582489 1 0.42
GTIN Nbr. of units in pkg. Package weight(Lbs) Product availability	00785901582489 1 0.42 Stock - Normally stocked in distribution facility
GTIN Nbr. of units in pkg. Package weight(Lbs) Product availability Returnability Country of origin	00785901582489 1 0.42 Stock - Normally stocked in distribution facility Y
GTIN Nbr. of units in pkg. Package weight(Lbs) Product availability Returnability Country of origin Offer Sustainability	00785901582489 1 0.42 Stock - Normally stocked in distribution facility Y FR
GTIN Nbr. of units in pkg. Package weight(Lbs) Product availability Returnability Country of origin Offer Sustainability Sustainable offer status	00785901582489 1 0.42 Stock - Normally stocked in distribution facility Y FR Green Premium product
GTIN Nbr. of units in pkg. Package weight(Lbs) Product availability Returnability Country of origin Offer Sustainability Sustainable offer status RoHS	00785901582489 1 0.42 Stock - Normally stocked in distribution facility Y FR Green Premium product Compliant - since 0914 - Schneider Electric declaration of conformity
GTIN Nbr. of units in pkg. Package weight(Lbs) Product availability Returnability Country of origin Offer Sustainability Sustainable offer status ROHS REACh	00785901582489 1 0.42 Stock - Normally stocked in distribution facility Y FR Green Premium product Compliant - since 0914 - Schneider Electric declaration of conformity Reference not containing SVHC above the threshold
GTIN Nbr. of units in pkg. Package weight(Lbs) Product availability Returnability Country of origin Offer Sustainability	00785901582489 1 0.42 Stock - Normally stocked in distribution facility Y FR Green Premium product Compliant - since 0914 - Schneider Electric declaration of conformity

18 months

Period