Product data sheet
Characteristics

XUMTANCNM8
photo-electric sensor - XUM - reflex - Sn 2m - 12..24VDC - M8

Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Detection of transparent object
Emission	Infrared reflex
[Sn] nominal sensing distance	6.56 ft (2 m) reflex need reflector XUZC50 3.28 ft (1 m) reflex need reflector XUZC50CR

Complementary

Enclosure material	PBT
Lens material	PC
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (green) instability 1 LED (orange) output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Voltage drop	<= 2 V (closed state)
Current consumption	<= 10 mA (no-load)
Delay first up	< 100 ms
Delay response	< 1 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	0.79 in (20 mm)
Height	1.3 in (33 mm)
Length	0.43 in (11 mm)
Width	0.43 in (11 mm)
Product weight	0.04 lb(US) (0.02 kg)

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Environment

Product certifications	CE cURus
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-22...158 °F (-30...70 °C)
Immunity to ambient light	3000 lux with natural light 3000 lux with incandescent light
Vibration resistance	20 gn, amplitude = +/- 1.5 mm (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

Ordering and shipping details

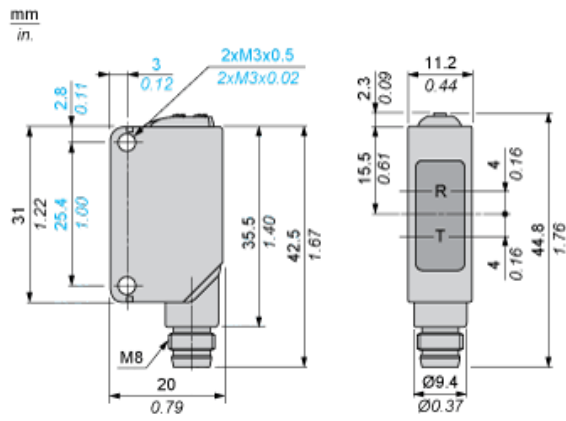|	
Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901146001
Nbr. of units in pkg.	1
Package weight(Lbs)	2.9999999999999999E-2
Returnability	N
Country of origin	JP

Offer Sustainability

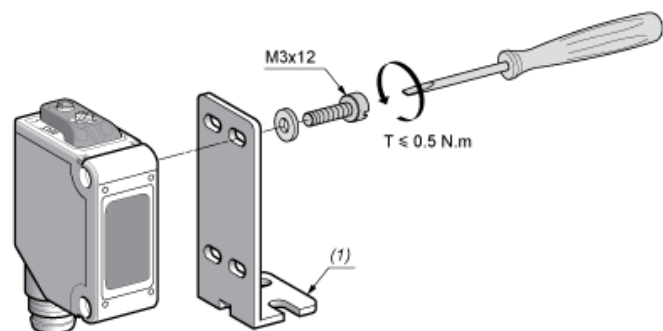|	
RoHS (date code: YYWW)	Compliant - since 1210 - Schneider Electric declaration of conformity ⬀Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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Dimensions

mm / in.

R : Reception
T : Transmission

Mounting

M3x12

T ≤ 0.5 N.m

(1)

(1)   Metal bracket

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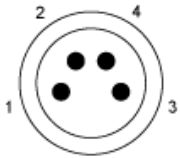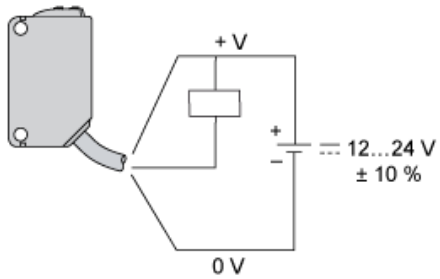
Wiring Schemes

M8 Connector

3 :   (-)
1 :   (+)
4 :   Output
2 :   Not connected

NPN Output

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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7442AD2X5FRX   EX-19B-LP   EX-19SB-PN   7443AR0X5FRX   7452AD4D4NNX   F3WD052C5M   7655AR-04-F-1-2-RX   7694ADE04DS2X   FE7C-FRC6S-M   FX-305   PM-R24-R   Q45VR2FPQ   13104RQD07   E3JUXM4MN   E3L2DC4   E3S3LE21   E3SCT11M1J03M   E3SDS20E21   E3VDS70C43S   E3XNM16   BR23P   HOA6563-001   OJ-3307-30N8   OS-311A-30   P32013   P34036   P43004   P56001   P60001   PB10CNT15PO   S14132   935286-000   S52101   S56258   SH-21E   EX-L261-P   FD-SN500   FE7B-FDRB6-M   SU-79   T36342   T40300   T60001   PD60CNX20BP   FX-302-HY   FZS   PM-T64W   PX-22   PZ2-51P   CX-491-P-J   CYNUTX10