

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	Preventa Safety detection
Product or component type	Safety thru-beam receiver photo-electric sensors
Device short name	XU2S
Product compatibility	XPSCM1144 XPSCM1144P
Output type	1 safety outputs OSSD PNP
[Sn] nominal sensing distance	26.25 ft (8 m)

Complementary

Detection system	Transmitter-receiver system
[Us] rated supply voltage	12...24 V DC (10...30 V) against reverse polarity
Current consumption	<= 35 mA no-load
Line of sight type	Along case axis
Electrical connection	1 male connector M12 4 pins
Tightening torque	24 N.m fixing nut 2 N.m connector
Marking	CE
Material	Case : nickel plated brass Lenses : PMMA (polymethyl methacrylate)
Product weight	0.18 lb(US) (0.08 kg)


Environment

Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
IP degree of protection	IP67 conforming to EN/IEC 60529
Shock resistance	30 gn (3 axes : 3 times) conforming to EN/IEC 60068-2-27
Vibration resistance	7 gn (f = 10...55 Hz) conforming to EN/IEC 60068-2-6

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901928829
Nbr. of units in pkg.	1
Package weight(Lbs)	0.6500000000000002
Returnability	N
Country of origin	FR

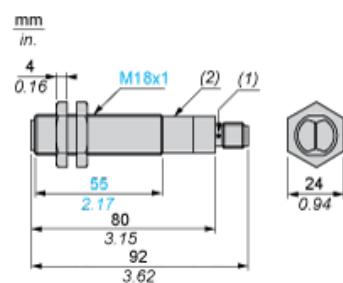
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1440 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
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	Diisodecyl 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

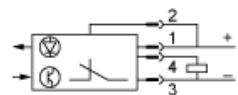


- (1) LED
(2) Potentiometer

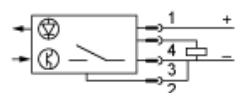
Wiring Schemes (3-wire DC)

Receiver

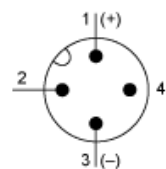
Light switching (no object present). PNP output



Dark switching (no object present). PNP output



Connector Pin View



- (1) (+)
- (2) Programming
- (3) (-)
- (4) Output

Connecting to a Safety Module

Discover XU2S18PP340D by

- Characteristics
- Dimensions Drawings
- Connections and Schema
- Performance Curves
- Download & Documents**

Download & Documents 1 to 8 of 8

CAD			
Preventa - Photo-electric sensors - Thru beam, pair - Ref. XU2S18PP340D	SILENT	2015-07-21	(Se ▼)
Preventa - Photo-electric sensors - Thru beam, pair - Ref. XU2S18PP340D	SILENT	2009-10-23	(Se ▼)
Instruction sheet			
XU2S18... Cylindrical photo-electric sensor design 18	English	2015-07-21	pdf ▼
Product environmental			
XUB... XU1... to XU9... Photoelectric Sensor, Product Environmental profile	English	2012-03-19	pdf ▼
End of life manual			
XUB... and XU1... to XU9... Photoelectric Sensors, Product End-of-life Instructions	English	2012-02-20	pdf ▼
System user guide			
Connecting to a monitoring device XU2S	English	2015-06-08	pdf ▼
Catalog			
Safety light curtains Preventa XUSL	English	2015-05-18	pdf ▼
Image of product			
Security light curtain XU2S	SILENT	2015-07-21	(Se ▼)

①
②

- 1 : Click on Download & Documents
- 2 : Click on System user guide

To have all connection schematics concerning our safety module, select "download and document" and download the file "Connecting to a monitoring device XU2S"

- (1) LED off
- (2) LED on
- (3) Red LED
- (4) Signal level
- (5) Optimum alignment

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[XU2S18PP340DR](#)