XU2S18PP340DR

light curtain receiver XU2-S - detection of body - 750..1200 mm - 12..24 V

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)	0.65000000000000002
Returnability	N
Country of origin	FR

Offer Sustainability

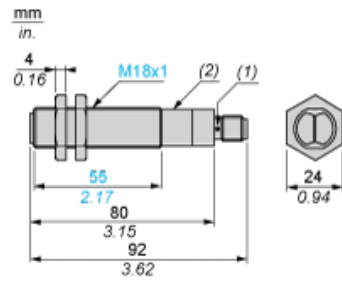|	
RoHS (date code: YYWW)	Compliant - since 1440 - Schneider Electric declaration of conformity ⬈Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	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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XU2S18PP340DR
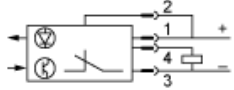
Dimensions

(1)   LED
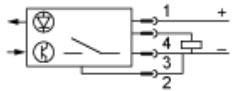(2)   Potentiometer

XU2S18PP340DR

Wiring Schemes (3-wire DC)

Receiver
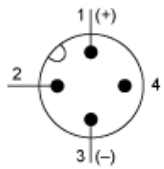
Light switching (no object present). PNP output

Dark switching (no object present). PNP output

Connector Pin View

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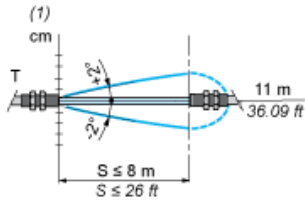(3) (-)
(4) Output

Connecting to a Safety Module

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"
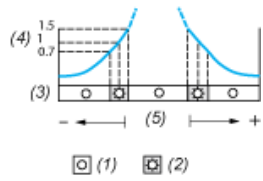
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Curves

Infrared Detection Curve

(1)   Ø of beam

Verification of Correct Operation

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

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