

XU2S18PP340L5R

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



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	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	Pre-cabled
Cable outer diameter	5 mm
Cable length	5 m
Cable composition	4 x 0.34 mm ²
Tightening torque	24 N.m fixing nut
Marking	CE
Material	Case : nickel plated brass Lenses : PMMA (polymethyl methacrylate)
Product weight	0.25 kg

Environment

ambient air temperature for operation	-25...55 °C
ambient air temperature for storage	-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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1440 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

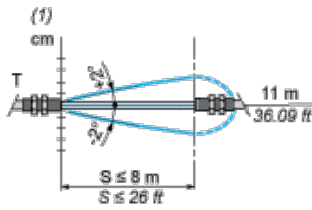
Contractual warranty

Warranty period	18 months
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Dimensions

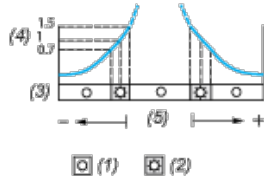
Curves

Infrared Detection Curve



(1) \varnothing of beam

Verification of Correct Operation



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