

XU2S18PP340D

security light curtain XU2-S - detection of body -
Sn 8m - 12..24 VDC - M12

Product availability : Stock - Normally stocked in distribution facility



Main

Range of product	Preventa Safety detection
Product or component type	Safety thru-beam pair photo-electric sensors
Device short name	XU2S
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) reverse polarity protection
Current consumption	<= 35 mA no-load
Voltage drop	<= 1.5 V closed state
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	500 Hz maximum
Electrical connection	1 male connector M12 4 pins
Line of sight type	Along case axis
Delay response	<= 1 ms
Delay recovery	<= 1 ms
Tightening torque	24 N.m fixing nut 2 N.m connector
Function available	Built-in muting function Light or dark programmable switching
Marking	CE
Material	Case : nickel plated brass Lenses : PMMA (polymethyl methacrylate)
Product weight	0.34 lb(US) (0.155 kg)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Standards	EN/IEC 60825-1 EN/IEC 61496-1 EN/IEC 61496-2
Safety level	Type 2 conforming to IEC 61496-1-2 Can reach PL = c conforming to EN/ISO 13849-1 (associated with module XPSCM correctly wired) Can reach category 2 conforming to EN/ISO 13849-1 (associated with module XPSCM correctly wired)
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Safety reliability data	PFH = 4.6E-7 1/h conforming to IEC 61508 PFH = 5.5E-7 1/h conforming to IEC 61508 (with muting function)
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	00785901907398
Nbr. of units in pkg.	1
Package weight(Lbs)	0.3599999999999999
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1005 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months
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