



Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtains receiver type 2
Device short name	XUSLN
Product compatibility	XUSLNG5C1050
Design	Compact slim
Output type	1 alarm output PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)
Product specific application	For hand protection
Minimum object diameter for detection	30 mm
[Sn] nominal sensing distance	0.3...15 m
Type of start	Automatic
Height protected	1050 mm
Number of beams	49

Complementary

Detection system	Transmitter-receiver system
Response time	20 ms
[EAA] effective aperture angle	5 ° at 3 m
[Us] rated supply voltage	24 V DC (+/- 20 %) against reverse polarity
[Ie] rated operational current	2 A
Current consumption	90 mA no-load 1.09 A with maximum load
Output current limits	500 mA
Output voltage	24 V
Output circuit type	DC
Local signalling	4 LEDs stop, run, top alignment, bottom alignment
Electrical connection	1 male connector M12 5 pins
Marking	CE
Material	Casing : aluminium End caps : 30 % fibre glass impregnated nylon Front face : acrylic
Fixing mode	End brackets

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	IEC 61496-1 IEC 61496-2 (type 2 ESPE) Machinery directive 2006/42/EC EMC 2004/108/EC Work equipment directive 2009/104/EC
Product certifications	CSA TÜV UL
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-25...75 °C
Relative humidity	0...95 % without condensation
IP degree of protection	IP65
Shock resistance	10 gn for 16 ms conforming to IEC 61496-1
Vibration resistance	0.35 +/- 0.05 mm (f = 10...55 Hz) conforming to IEC 61496-1

Offer Sustainability

RoHS (date code: YYWW)	Compliant Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

Warranty period	18 months
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