

Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtains receiver type 2
Device short name	XUSLN
Product compatibility	XUSLNG5C0150
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	150 mm
Number of beams	7

Complementary

Detection system	Transmitter-receiver system
Response time	14 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	1.09 A with maximum load 90 mA no-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	Front face : acrylic End caps : 30 % fibre glass impregnated nylon Casing : aluminium
Fixing mode	End brackets

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	<= 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

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0745 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual