



Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtains receiver type 4
Device short name	XUSLP
Product compatibility	XUSLPZ2A0500M
Design	Compact
Output type	1 auxiliary output solid-state PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)
Product specific application	For body protection
Minimum object diameter for detection	500 mm
[Sn] nominal sensing distance	0.8...20 m depending on configuration 0.8...70 m depending on configuration
Height protected	400 mm
Number of beams	2

Complementary

Detection system	Transmitter-receiver system
Response time	< 16 ms light beam coding C < 20 ms light beam coding B < 24 ms light beam coding A
[EAA] effective aperture angle	2.5 ° at 3 m
[Us] rated supply voltage	24 V DC (+/- 20 %) against reverse polarity
[Ie] rated operational current	2 A
Current consumption	300 mA no-load 1.6 A with maximum load
Output current limits	650 mA for safety outputs OSSD 100 mA for auxiliary output
Output voltage	24 V
Output circuit type	DC
Monitoring act of relay MPCE/EDM	50 mA
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 : 20 % fibre glass impregnated nylon
Front face : acrylic

Fixing mode	End brackets
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Environment

Standards	ANSI B11:19-1990 ANSI/RIA R15.06 EN/IEC 61496-1 EN/IEC 61496-1-2 for type 4 ESPE EN/IEC 61496-2 OSHA 1910-212 OSHA 1910-217C ROHS directive 2002/95/EC 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 IP67
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 - since 0730 - Schneider Electric declaration of conformity 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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