

Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtains receiver type 4
Device short name	XUSLP
Product compatibility	XUSLPZ3A0500B
Design	Compact
Output type	2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) 1 auxiliary output solid-state PNP
Product specific application	For body protection
Minimum object diameter for detection	500 mm
[Sn] nominal sensing distance	0.8...70 m depending on configuration 0.8...20 m depending on configuration
Height protected	300 mm
Number of beams	3

Complementary

Detection system	Transmitter-receiver system
Response time	< 24 ms light beam coding A < 20 ms light beam coding B < 16 ms light beam coding C
[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	1.6 A with maximum load 300 mA no-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 of relay MPCE/EDM	50 mA
Local signalling	4 LEDs stop, run, top alignment, bottom alignment
Electrical connection	Terminal block
Marking	CE
Material	Front face : acrylic End caps : 20 % fibre glass impregnated nylon Casing : aluminium
Fixing mode	End brackets

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	<= 95 % without condensation
IP degree of protection	IP67 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 0730 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual