

Price* : 1,657.00 USD



⚠ Discontinued

XUSLPZ2A0500M has not been replaced. Please contact your customer care center for more information.

Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtain type 4
Device short name	XUSLP
Design	Compact
Detection system	Transmitter-receiver system
Product specific application	For body protection
Height protected	19.69 in (500 mm)
Minimum object diameter for detection	19.69 in (500 mm)
[Sn] nominal sensing distance	2.62...65.62 ft (0.8...20 m) depending on configuration 2.62...229.66 ft (0.8...70 m) depending on configuration
Response time	< 16 ms depending on light beam coding C < 20 ms depending on light beam coding B < 24 ms depending on light beam coding A
Number of beams	2
Type of receiver	Active

Complementary

Kit composition	1 receiver(s) 1 transmitter(s) 1 user guide with certificate of conformity 2 sets of 2 brackets with fixings
[EAA] effective aperture angle	2.5 ° at 3 m
Light source	GaAIAs LED, 850 nm
[Us] rated supply voltage	24 V DC (+/- 20 %)
[Ie] rated operational current	2 A
Current consumption	100 mA (transmitter) 300 mA no-load (receiver) 1.6 A with maximum load (receiver)
Output type	1 auxiliary output solid-state PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)
Output current limits	<= 100 mA for auxiliary output <= 650 mA for safety outputs OSSD
Output voltage	24 V
Output circuit type	DC

Switching capacity in mA	650 mA
Monitoring act of of relay MPCE/EDM	50 mA
Local signalling	1 LED (transmitter), function: power supply 3 LEDs (receiver), function: stop, run, interlock + 2 digit display
Electrical connection	1 male connector M12 5 pins (transmitter) 1 male connector M12 8 pins (receiver)
Function available	Alignment aid by display of each light beam broken Auto, manual, manual 1st cycle Display of operating modes and alarm by LEDs and 2-digit display Monitoring of external switching devices Test
Marking	CE
Material	Casing : aluminium End caps : 20 % fibre glass impregnated nylon Front face : acrylic
Fixing mode	End brackets
Product weight	13.89 lb(US) (6.3 kg)


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
Safety level	Type 4 conforming to IEC 61496-1-2 Can reach SIL 3 conforming to IEC 61508 (correctly wired) Can reach category 4 conforming to EN/ISO 13849-1 (correctly wired) Can reach PL = e conforming to EN/ISO 13849-1 (correctly wired)
Safety reliability data	PFH = 2.7E-9 1/h conforming to IEC 61508 (verified in worst case conf: 6 beams), proof test interval = 20 yr
Ambient air temperature for operation	32...131 °F (0...55 °C)
Ambient air temperature for storage	-13...167 °F (-25...75 °C)
Relative humidity	0...95 % without condensation
IP degree of protection	IP65 IP67
Shock resistance	10 gn 16 ms conforming to IEC 61496-1
Vibration resistance	0.35 +/- 0.05 mm (f = 10...55 Hz) conforming to IEC 61496-1

Ordering and shipping details

Category	22455 - LIGHT CURTAINS - XUSL
Discount Schedule	DS2
GTIN	00785901531708
Nbr. of units in pkg.	1
Package weight(Lbs)	17
Returnability	N
Country of origin	US

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0730 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
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Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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