

XUSLPZ3A0500MR

safety light curtain receiver type 4 - XUSLP -
height 500 mm - 3 beams

Main

Range of product	Telemecanique Safety light curtains XUSL
Product or component type	Safety light curtains receiver type 4
Device short name	XUSLP
Product compatibility	XUSLPZ3A0500M
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	300 mm
Number of beams	3

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	100 mA for auxiliary output 650 mA for safety outputs OSSD
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	1 male connector M12, 5 pins
Marking	CE
Material	Aluminium: casing 20 % fibre glass impregnated nylon: end caps Acrylic: front face
Fixing mode	End brackets

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Environment

Standards	EMC 2004/108/EC Machinery directive 2006/42/EC ANSI/RIA R15.06 OSHA 1910-212 OSHA 1910-217C Work equipment directive 2009/104/EC EN/IEC 61496-2 EN/IEC 61496-1-2 for type 4 ESPE EN/IEC 61496-1 ANSI B11:19-1990
Product certifications	TÜV[RETURN]CSA[RETURN]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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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