Product data sheet
Characteristics

XUSLPB2A500MR
safety light curtain receiver type 4 - XUSLP - height 500 mm - 2 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	XUSLPB2A500M
Design	Compact
Output type	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…8 m
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	100 mA
Monitoring act of of relay MPCE/EDM	50 mA
Local signalling	2 LEDs power supply, diagnostic
Electrical connection	1 male connector M12, 4 pins
Marking	CE
Material	Aluminium: casing 20 % fibre glass impregnated nylon: end caps Acrylic: front face
Fixing mode	End brackets

Environment

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

Telemecanique Sensors

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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