

Main

Range of product	Telemecanique Safety light curtains XUSL
Product or component type	Safety light curtains transmitter type 4
Series name	Universal
Device short name	XUSLDM
Product compatibility	XUSLDMQ6A0320
Product specific application	For finger protection
Minimum object diameter for detection	14 mm
[Sn] nominal sensing distance	3 M with PDM 0.3...7 m
Height protected	320 mm
Number of beams	32

Complementary

Detection system	Transmitter-receiver system
Response time	23 ms normal 38 ms slow
[EAA] effective aperture angle	2.5 ° at 3 m
Light source	GaAIAs LED, 880 nm
[Us] rated supply voltage	24 V DC (+/- 20 %) against reverse polarity
[Ie] rated operational current	2 A
Current consumption	285 mA
Monitoring act of of relay MPCE/EDM	50 mA
Local signalling	1 LED power supply
Electrical connection	1 female connector M12, 5 pins
Marking	CE
Material	Aluminium: casing 20 % fibre glass impregnated nylon: end caps
Fixing mode	End brackets

Environment

Standards	EN/IEC 61496-1 ANSI B11:19-1990 OSHA 1910-212 ANSI/RIA R15.06 Machinery directive 2006/42/EC EN/IEC 61496-2 EN/IEC 61496-1-2 for type 4 ESPE OSHA 1910-217C Work equipment directive 2009/104/EC EMC 2004/108/EC
Product certifications	UL[RETURN]TÜV[RETURN]CSA
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...75 °C
Relative humidity	0...95 % without condensation
IP degree of protection	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

Packing Units

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

Contractual warranty

Warranty	18 months
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