

Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtains transmitter type 4
Series name	Universal
Device short name	XUSLDM
Product compatibility	XUSLDMY5A0320
Product specific application	For hand protection
Minimum object diameter for detection	30 mm
[Sn] nominal sensing distance	0.3...20 m 8 m with PDM
Height protected	320 mm
Number of beams	16

Complementary

Detection system	Transmitter-receiver system
Response time	38 ms slow 23 ms normal
[EAA] effective aperture angle	2.5 ° at 3 m
Light source	GaAIAs LED, 880 nm
[Us] rated supply voltage	0...-15 V AC (+ 10 % - 15 %) 1 external fuse per group of input channel 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	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	-10...55 °C
Ambient air temperature for storage	-25...75 °C
Relative humidity	<= 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
