Product data sheet
Characteristics

XUSLBR5A1200T
safety light curtains transmitter type 4 - for hand protection - 1200 mm

Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtains transmitter type 4
Series name	Optimum
Device short name	XUSLB
Product compatibility	XUSLBR5A1200
Product specific application	For hand protection
Minimum object diameter for detection	30 mm
[Sn] nominal sensing distance	8 m with PDM 0.3...20 m
Height protected	1200 mm
Number of beams	60

Complementary

Detection system	Transmitter-receiver system
Response time	23 ms
[EAA] effective aperture angle	2.5 ° at 3 m
Light source	GaAlAs 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	Casing : aluminium End caps : 20 % fibre glass impregnated nylon
Fixing mode	End brackets

Environment

Standards	ROHS directive 2002/95/EC EN/IEC 61496-1-2 for type 4 ESPE EN/IEC 61496-2

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

Contractual warranty

Warranty period	18 months