



ⓘ Restricted Sales for Services

Commercial status

Discontinued: 31 March 2015

End-of-service: 31 March 2015

has not been replaced. Please contact your customer care center for more information.

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	XUSLBR5A0320
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	320 mm
Number of beams	16

Complementary

Detection system	Transmitter-receiver system
Response time	23 ms
[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 61496-2 Machinery directive 2006/42/EC OSHA 1910-217C EN/IEC 61496-1
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OSHA 1910-212
ROHS directive 2002/95/EC
ANSI/RIA R15.06
Work equipment directive 2009/104/EC
EN/IEC 61496-1-2 for type 4 ESPE
ANSI B11:19-1990
EMC 2004/108/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	18 months
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