

XUSLBR5A1800R

safety light curtains receiver type 4 - for hand protection - 1800 mm

Main

Range of product	Telemecanique Safety light curtains XUSL
Product or component type	Safety light curtains receiver type 4
Series name	Optimum
Device short name	XUSLB
Product compatibility	XUSLBR5A1800
Output type	1 auxiliary output solid-state PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)
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	1800 mm
Number of beams	88

Complementary

Detection system	Transmitter-receiver system
Response time	32 ms
[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	450 mA no-load 1.8 A with maximum load
Output current limits	100 mA for auxiliary output 625 mA for safety outputs OSSD
Output voltage	24 V
Output circuit type	DC
Monitoring act of of relay MPCE/EDM	50 mA
Local signalling	4 LEDs stop, run, interlock, ECS/B Blanking or FB (Floating Blanking)
Electrical connection	1 female connector M12, 8 pins
Marking	CE
Material	Aluminium: casing 20 % fibre glass impregnated nylon: end caps
Fixing mode	End brackets

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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