

XUSLNG5D0150

safety light curtain type 2 - XUSLN - height 150 mm - manual start



Main

Range of product	Telemecanique Safety light curtains XUSL
Product or component type	Safety light curtain type 2
Device short name	XUSLN
Design	Compact slim
Detection system	Transmitter-receiver system
Product specific application	For hand protection
Height protected	150 mm
[Sn] nominal sensing distance	0.3...15 m
Minimum object diameter for detection	30 mm
Type of start	Manual
Response time	14 ms
Number of beams	7

Complementary

Kit composition	1 arc suppressor set(s) 1 receiver(s) 1 test rod(s) 1 transmitter(s) 1 user guide with certificate of conformity 2 sets of 2 brackets with fixings
[EAA] effective aperture angle	5 ° at 3 m
Light source	GaAIAs LED, 880 nm
[Us] rated supply voltage	24 V DC +/- 20 %
[Ie] rated operational current	2 A
Current consumption	90 mA no-load receiver 1.09 A with maximum load receiver 50 mA transmitter
Output type	1 alarm output PNP 2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection)
Output current limits	500 mA
Output voltage	24 V
Output circuit type	DC
Local signalling	2 LEDs transmitter power supply, diagnostic 4 LEDs receiver stop, run, top alignment, bottom alignment
Electrical connection	1 male connector M12 4 pins transmitter 1 male connector M12 5 pins receiver
Function available	Alignment aid using 2 LEDs LED display of operating modes Monitoring of external switching devices EDM/MPCE Muting possible with external module XPSLCM1150
Marking	CE
Material	Aluminium: casing 30 % fibre glass impregnated nylon: end caps Acrylic: front face
Fixing mode	End brackets
Net weight	2.7 kg

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	IEC 61496-1 Machinery directive 2006/42/EC IEC 61496-2 (type 2 ESPE) Work equipment directive 2009/104/EC EMC 2004/108/EC
Product certifications	UL[RETURN]TÜV[RETURN]CSA
Safety level	Can reach category 2 correctly wired conforming to EN/ISO 13849-1 Can reach PL = c correctly wired conforming to EN/ISO 13849-1 Type 2 conforming to IEC 61496-1-2
Safety reliability data	PFH = 2.29E-7 1/h conforming to IEC 61508 verified in worst case conf: 6 beams 100 year(s)
Ambient air temperature for operation	0...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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