

Price* : 696.00 USD



⚠ Discontinued

XUSLNG5D0150 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 curtain type 2
Device short name	XUSLN
Design	Compact slim
Detection system	Transmitter-receiver system
Product specific application	For hand protection
Height protected	5.91 in (150 mm)
Minimum object diameter for detection	1.18 in (30 mm)
[Sn] nominal sensing distance	0.98...49.21 ft (0.3...15 m)
Type of start	Manual
Response time	14 ms
Number of beams	7

Complementary

Kit composition	1 arc suppressor set(s) 1 receiver(s) 1 transmitter(s) 1 test rod(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	50 mA (transmitter) 90 mA no-load (receiver) 1.09 A with maximum load (receiver)
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), function: power supply, diagnostic 4 LEDs (receiver), function: stop, run, top alignment, bottom alignment

Disclaimer: 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

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	Casing : aluminium End caps : 30 % fibre glass impregnated nylon Front face : acrylic
Fixing mode	End brackets
Product weight	5.95 lb(US) (2.7 kg)

Environment

Standards	IEC 61496-1 IEC 61496-2 (type 2 ESPE) Machinery directive 2006/42/EC EMC 2004/108/EC Work equipment directive 2009/104/EC
Product certifications	CSA TÜV UL
Safety level	Type 2 conforming to IEC 61496-1-2 Can reach category 2 conforming to EN/ISO 13849-1 (correctly wired) Can reach PL = c conforming to EN/ISO 13849-1 (correctly wired)
Safety reliability data	PFH = 2.29E-7 1/h conforming to IEC 61508 (verified in worst case conf: 6 beams), proof test interval = 100 yr
Ambient air temperature for operation	32...131 °F (0...55 °C)
Ambient air temperature for storage	-13...167 °F (-25...75 °C)
Relative humidity	0...95 % without condensation
IP degree of protection	IP65
Shock resistance	10 gn 16 ms conforming to IEC 61496-1
Vibration resistance	0.35 +/- 0.05 mm (f = 10...55 Hz) conforming to IEC 61496-1

Ordering and shipping details

Category	22455 - LIGHT CURTAINS - XUSL
Discount Schedule	DS2
Nbr. of units in pkg.	1
Package weight(Lbs)	9
Returnability	N
Country of origin	US

Offer Sustainability

RoHS (date code: YYWW)	Will be compliant on 3Q2013 Will be compliant on 3Q2013
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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