

XUSL2E30H076NWC

Safety light curtain type 2, Telemecanique
Safety light curtains XUSL, XUSL IP69K Hand
protection w/o Heating, Std range, Hp = 760
mm, R=30 mm

Main

Range of Product	Telemecanique Safety light curtains XUSL
Product or Component Type	Safety light curtain type 2
Device short name	XUSL2E
Output type	2 safety outputs OSSD solid-state PNP arc suppression)
Product Specific Application	For hand protection
[R] Resolution	1.2 in (30 mm)
[Sn] nominal sensing distance	9.8...32.8 Ft (3...10 m) by cabling 0.0000000000...9.8 ft (0...3 m) by cabling
[Hp] Height protected	29.9 in (760 mm)
Number of beams	38
Type of start / restart	Automatic Manual
External Device Monitoring (EDM)	Selected by wiring

Complementary

Detection system	Transmitter-receiver system
Response Time	11 ms
Kit composition	Adjustable mounting bracket(s) 1 receiver(s) 1 transmitter(s) 1 user guide with certificate of conformity on CD-ROM Silicone o-ring(s) 1 PVC cable(s)
[EAA] effective aperture angle	5 ° at 3 m
Emission	IR LED 0.000037402 in (950 nm)
[Us] rated supply voltage	24 V DC +/- 20 %
Supply	Power supply IEC 61496-1 Power supply IEC 60204-1
[Ie] rated operational current	2 A
Current consumption	42 mA no-load transmitter 83 mA no-load receiver 42 mA transmitter 900 mA with maximum load receiver
Output current limits	0.4 A safety outputs OSSD
Output voltage	24 V
Output circuit type	DC
Maximum voltage drop	<0.5 V
Local signalling	1 multi-colour LED transmitter 2 dual colour LEDs receiver
Electrical connection	1 male connector M12 5 pins transmitter 1 male connector M12 8 pins receiver
Type of cable	Unshielded cable AWG 22 32.8 ft (10 m)
Ohmic cable resistance (per m)	55.31 mOhm
Function available	Test Muting through external safety module XPSLCMUT1160 LED display of operating modes and faults Anti-condensation system

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Marking	CE
Material	PMMA (polymethyl methacrylate): tube Stainless steel AISI 316L: sealing plug PVC (polyvinyl chloride): Cable
Housing colour	Red RAL 3000
Fixing Mode	By fixing brackets
Net Weight	11.13 lb(US) (5.05 kg)
Offer type	Standard distance
Provided Equipment	Without heating system

Environment

Directives	98/37/EEC - machinery 89/336/EEC - electromagnetic compatibility 89/655/EEC - work equipment
Product Certifications	CE[RETURN]Ecolab[RETURN]cULus[RETURN]TÜV
Safety level (correctly wired)	Type 2 IEC 61496-1 Category 2 EN/ISO 13849-1 SIL 1 IEC 61508 SILCL 1 IEC 62061 PL = c EN/ISO 13849-1
Optical characteristic	Resistance to light disturbance EN/IEC 61496-2
Mission time	20 year(s)
Safety reliability data	PFHd = 4.57E-8 1/h IEC 61508
Ambient Air Temperature for Operation	-10...55 °C (14...131 °F) -22...131 °F (-30...55 °C)
Ambient Air Temperature for Storage	-22...158 °F (-30...70 °C) -25...70 °C (-13...158 °F)
Relative Humidity	0...95 % without condensation
IP degree of protection	IP69K
Shock resistance	10 gn 16 ms IEC 61496-1
Vibration resistance	0.35 +/- 0.05 mm 10...55 Hz)IEC 61496-1

Ordering and shipping details

Category	US10DS222455
Discount Schedule	0DS2
GTIN	3389119619868
Returnability	No
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.31 in (13.5 cm)
Package 1 Width	7.68 in (19.5 cm)
Package 1 Length	33.46 in (85.0 cm)
Package 1 Weight	13.594 lb(US) (6.166 kg)

Offer Sustainability

Packaging without single use plastic	No
Packaging made with recycled cardboard	No
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Toxic heavy metal free	Yes
Take-back	No
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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