

XUSL4E30H136N

Safety light curtain type 4, Telemecanique
Safety light curtains XUSL, XUSL For hand
protection, Std sensing range, Hp = 1360 mm,
R=30 mm

Main

Range of product	Telemecanique Safety light curtains XUSL
Product or component type	Safety light curtain type 4
Device short name	XUSL4E
Output type	2 safety outputs OSSD solid-state PNP (arc suppression)
Product specific application	For hand protection
[R] Resolution	30 mm
[Sn] nominal sensing distance	0...12 M by cabling 0...4 m by cabling
[Hp] Height protected	1360 mm
Number of beams	68
Type of start / restart	Automatic Manual
External Device Monitoring (EDM)	Selected by wiring

Complementary

Detection system	Transmitter-receiver system
Response time	17 ms
Kit composition	Adjustable mounting bracket(s) 1 receiver(s) 1 transmitter(s) 1 user guide with certificate of conformity on CD-ROM
[EAA] effective aperture angle	2.5 ° at 3 m
Emission	IR LED 950 nm
[Us] rated supply voltage	24 V DC +/- 20 %
Supply	Power supply conforming to IEC 61496-1 Power supply conforming to 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 for 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
Function available	Test Muting through external safety module XPSLCMUT1160 LED display of operating modes and faults
Marking	CE
Material	Aluminium: casing Polycarbonate: front panel Polypropylene: end caps

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Housing colour	Red RAL 3000
Fixing mode	By fixing brackets
Net weight	2.5 kg
Offer type	Standard distance

Environment

Directives	89/336/EEC - electromagnetic compatibility 98/37/EEC - machinery 89/655/EEC - work equipment
Product certifications	cULus[RETURN]CE[RETURN]TÜV
Safety level (correctly wired)	Type 4 conforming to IEC 61496-1 SIL 3 conforming to IEC 61508 SILCL 3 conforming to IEC 62061 Category 4 conforming to ISO 13849-1 PL = e conforming to ISO 13849-1
Optical characteristic	Resistance to light disturbance conforming to IEC 61496-2
Mission time	20 year(s)
Safety reliability data	PFHd = 1.67E-8 1/h conforming to IEC 61508
Ambient air temperature for operation	14...131 °F -30...55 °C
Ambient air temperature for storage	-13...158 °F -35...70 °C
Relative humidity	0...95 % without condensation
IP degree of protection	IP65 IP67
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
Package 1 Height	14.0 cm
Package 1 Width	19.5 cm
Package 1 Length	149.0 cm
Package 1 Weight	4.854 kg

Offer Sustainability

Sustainable offer status	Green Premium product
Toxic heavy metal free	Yes
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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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