

XUSL4MB2BB051N

Safety light curtain type 4, Telemecanique
Safety light curtains XUSL, integrated muting
hardware config T4 2 B H=51 cm D4 12 m



Main

Range of Product	Telemecanique Safety light curtains XUSL
Product or Component Type	Safety light curtain type 4
Device short name	XUSL4M
Output type	2 safety outputs OSSD solid-state PNP arc suppression)
Product Specific Application	For body protection
[Sn] nominal sensing distance	0.00...39.37 Ft (0...12 m) by cabling 0.00...13.12 ft (0...4 m) by cabling
[Hp] Height protected	20.08 in (510 mm)
Number of beams	2
Space between beams	19.69 in (500 mm)
Type of start / restart	Manual Automatic
External Device Monitoring (EDM)	Selected by wiring

Complementary

Detection system	Transmitter-receiver system
Response Time	5.5 ms
Kit composition	Adjustable mounting bracket(s) 1 receiver 1 transmitter 1 user guide with certificate of conformity on CD-ROM
[EAA] effective aperture angle	2.5 ° 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	35 mA no-load transmitter 85 mA no-load receiver 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 10 dual colour LEDs receiver
Electrical connection	1 male connector M12 5 pins transmitter 2 female connectors M12 5 pins transmitter 1 male connector M12 12 pins receiver 3 female connectors M12 5 pins receiver
Function available	Test Muting LED display of operating modes and faults
Material	Aluminium: casing Polycarbonate: front panel Polypropylene: end caps
Housing colour	Red RAL 3000
Fixing Mode	By fixing brackets

Net Weight	7.28 lb(US) (3.3 kg)
Offer type	Standard distance

Environment

Directives	89/655/EEC - work equipment 98/37/EEC - machinery 89/336/EEC - electromagnetic compatibility
Product Certifications	TÜV[RETURN]CE[RETURN]cULus
Safety level (correctly wired)	Type 4 IEC 61496-1 SIL 3 IEC 61508 SILCL 3 IEC 62061 Category 4 EN/ISO 13849-1 PL = e EN/ISO 13849-1
Optical characteristic	Resistance to light disturbance EN/IEC 61496-2
Safety reliability data	PFHd = 8.97E-9 1/h IEC 61508
Ambient Air Temperature for Operation	-22...131 °F (-30...55 °C) -22...131 °F (-30...55 °C)
Ambient Air Temperature for Storage	-22...158 °F (-30...70 °C) -22...158 °F (-30...70 °C)
Relative Humidity	0...95 % without condensation
IP degree of protection	IP65 IP67
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	3389119646109
Returnability	No
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.71 in (14.500 cm)
Package 1 Width	7.87 in (20.000 cm)
Package 1 Length	31.10 in (79.000 cm)
Package 1 Weight	10.19 lb(US) (4.620 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	17.72 in (45.000 cm)
Package 2 Width	23.62 in (60.000 cm)
Package 2 Length	31.50 in (80.000 cm)
Package 2 Weight	57.18 lb(US) (25.936 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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Dimensions

