

# XUSL4MB3BB081N

Safety light curtain type 4, Telemecanique  
Safety light curtains XUSL, integrated muting  
hardware config T4 3 B H=81 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	31.89 in (810 mm)
Number of beams	3
Space between beams	15.75 in (400 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

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Fixing Mode	By fixing brackets
Net Weight	10.58 lb(US) (4.8 kg)
Offer type	Standard distance

## Environment

Directives	89/655/EEC - work equipment 98/37/EEC - machinery 89/336/EEC - electromagnetic compatibility
Product Certifications	TÜV CE 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 = 9.63E-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	22455-LIGHT CURTAINS - XUSL
Discount Schedule	DS2
GTIN	3389119646208
Returnability	No

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.12 in (13.0 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	42.13 in (107.0 cm)
Package 1 Weight	13.73 lb(US) (6.229 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	1
Package 2 Height	17.72 in (45.0 cm)
Package 2 Width	31.50 in (80.0 cm)
Package 2 Length	47.24 in (120.0 cm)
Package 2 Weight	29.23 lb(US) (13.26 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>

Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
<b>Contractual warranty</b>	
Warranty	18 months

Dimensions

