

XUSLDMY5A0680R

safety light curtains receiver type 4 - for hand protection - 680 mm

Main

Range of product	Telemecanique Safety light curtains XUSL
Product or component type	Safety light curtains receiver type 4
Series name	Universal
Device short name	XUSLDM
Product compatibility	XUSLDMY5A0680
Output type	2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) 1 auxiliary output solid-state PNP/NPN
Product specific application	For hand protection
Minimum object diameter for detection	30 mm
[Sn] nominal sensing distance	8 M with PDM 0.3...20 m
Height protected	680 mm
Number of beams	34

Complementary

Detection system	Transmitter-receiver system
Response time	23 ms normal 38 ms slow
[EAA] effective aperture angle	2.5 ° at 3 m
[Us] rated supply voltage	24 V DC (+/- 20 %)against reverse polarity
[Ie] rated operational current	2 A
Current consumption	450 mA no-load 1.8 A with maximum load
Output current limits	100 mA for auxiliary output 625 mA for safety outputs OSSD
Output voltage	24 V
Output circuit type	DC
Monitoring act of of relay MPCE/EDM	50 mA
Local signalling	4 LEDs stop, run, interlock, ECS/B Blanking or FB (Floating Blanking)
Electrical connection	1 female connector M12, 8 pins
Marking	CE
Material	Aluminium: casing 20 % fibre glass impregnated nylon: end caps
Fixing mode	End brackets

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Environment

Standards	EN/IEC 61496-2 Work equipment directive 2009/104/EC ANSI B11:19-1990 EN/IEC 61496-1-2 for type 4 ESPE EMC 2004/108/EC OSHA 1910-212 Machinery directive 2006/42/EC OSHA 1910-217C EN/IEC 61496-1 ANSI/RIA R15.06
Product certifications	CSA[RETURN]TÜV[RETURN]UL
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...75 °C
Relative humidity	0...95 % without condensation
IP degree of protection	IP65
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

Contractual warranty

Warranty	18 months
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