

XUSLPZ1AMR

safety light curtain receiver type 4 - XUSLP - 1 beam

Main

Range of product	Preventa Safety detection
Product or component type	Safety light curtains receiver type 4
Device short name	XUSLP
Product compatibility	XUSLPZ1AM
Design	Compact
Output type	2 safety outputs OSSD solid-state PNP (NO) (short-circuit protection) 1 auxiliary output solid-state PNP
Product specific application	For body protection
[Sn] nominal sensing distance	0.8...70 m depending on configuration 0.8...20 m depending on configuration
Height protected	750 mm
Number of beams	1

Complementary

Detection system	Transmitter-receiver system
Response time	< 24 ms light beam coding A < 20 ms light beam coding B < 16 ms light beam coding C
[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	1.6 A with maximum load 300 mA no-load
Output current limits	<= 650 mA for safety outputs OSSD <= 100 mA for auxiliary output
Output voltage	24 V
Output circuit type	DC
Monitoring act of of relay MPCE/EDM	50 mA
Local signalling	4 LEDs stop, run, top alignment, bottom alignment
Electrical connection	1 male connector M12 5 pins
Marking	CE
Material	Front face : acrylic End caps : 20 % fibre glass impregnated nylon Casing : aluminium
Fixing mode	End brackets

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	ANSI B11:19-1990 ANSI/RIA R15.06 EN/IEC 61496-1 EN/IEC 61496-1-2 for type 4 ESPE EN/IEC 61496-2 OSHA 1910-212 OSHA 1910-217C ROHS directive 2002/95/EC Machinery directive 2006/42/EC EMC 2004/108/EC Work equipment directive 2009/104/EC
Product certifications	CSA TÜV UL
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-25...75 °C
Relative humidity	<= 95 % without condensation
IP degree of protection	IP67 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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0730 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual