XS8E1A1PBL01M12

Inductive proximity sensors XS, inductive sensor XS8 26x26x13, PBT, Sn15mm, 12...24 VDC, M12 0.15 m





Main

Range of Product	Telemecanique Inductive proximity sensors XS		
Series name	General purpose		
Sensor Type	Inductive proximity sensor		
Device Application	-		
Sensor name	XS8		
Sensor design	Flat form 26 x 26 x 13		
Size	13 mm		
Body type	Fixed		
Detector flush mounting acceptance	Non flush mountable		
Material	Plastic		
Enclosure Material	PBT		
Type of output signal	Discrete		
Wiring Technique	3-wire		
[Sn] nominal sensing distance	0.39 In (10 mm) flush mountable 0.59 in (15 mm) non flush mountable		
Discrete output function	1 NC		
Output circuit type	DC		
Discrete output type	PNP		
Electrical connection	Remote male connector M12, 4 pins		
Cable length	0.49 ft (0.15 m)		
[Us] rated supply voltage	1224 V DC reverse polarity protection		
Switching capacity in mA	<= 100 mA DC overload and short-circuit protection		
IP degree of protection	IP67 double insulation conforming to IEC 60529		

Complementary

Complementary		
Detection face	Frontal	
Front material	PBT	
Fine adjustment zone	0.200.39 In (510 mm) flush mountable 0.200.59 in (515 mm) non flush mountable	
Differential travel	115% of Sr	
Wire insulation material	PvR	
Supply voltage limits	1036 V DC	
Maximum residual current	1.5 mA open state	
Switching frequency	<= 2000 Hz	
Maximum voltage drop	<2 V closed)	
Current consumption	<= 10 mA no-load	
Maximum delay first up	10 ms	
Maximum delay response	0.3 ms	
Maximum delay recovery	0.8 ms	
Marking	CE	
Depth	0.51 in (13 mm)	
Height	1.02 in (26 mm)	
Width	1.02 in (26 mm)	
Net Weight	0.09 lb(US) (0.04 kg)	

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 inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in 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

Product Certifications	Ecolab CSA UL	
Ambient Air Temperature for Operation	-13158 °F (-2570 °C)	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6	
Shock resistance	50 gn 11 ms IEC 60068-2-27	

Ordering and shipping details

Category	22486-SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	3389110142617
Nbr. of units in pkg.	1
Package weight(Lbs)	2.01 oz (57.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)
Package 1 width	3.78 in (9.6 cm)
Package 1 Length	2.56 in (6.5 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	20
Package 2 Weight	3.01 lb(US) (1.365 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

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	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EV RoHS	
Mercury free	Yes	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	

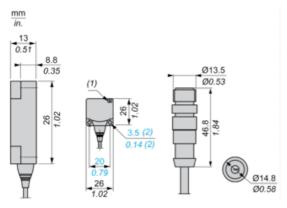
Contractual warranty

- contraction training	
Warranty	18 months

Product data sheet Dimensions Drawings

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Dimensions



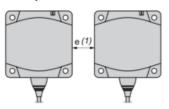
- (1) LED
- (2) For CHC type screws

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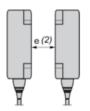
Setting-up

Minimum Mounting Distances (mm)

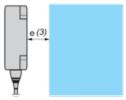
Side by Side



Face to Face



Facing a Metal Object



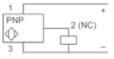
	e (1)	e (2)	e (3)
Flush mounted	40	80	10
Not flush mounted	150	300	

Product data sheet Connections and Schema

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Wiring Schemes

PNP



M12

