XS7E1A1PBM8

Inductive proximity sensors XS, inductive sensor XS7 26x26x13, PBT, Sn10mm, 12...24 VDC, M8



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 26 x 26 x 13
Size	13 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Male connector M8, 3 pins
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

- Complementary		
Detection face	Frontal	
Front material	PBT	
Operating zone	08 mm	
Differential travel	115% of Sr	
Status LED	Output state: 1 LED (yellow)	
Supply voltage limits	1036 V DC	
Switching frequency	<= 1000 Hz	
Maximum voltage drop	<2 V (closed)	
Current consumption	<= 10 mA no-load	
Maximum delay first up	10 ms	
Maximum delay response	2 ms	
Maximum delay recovery	6 ms	
Marking	CE	
Depth	13 mm	
Height	26 mm	
Width	26 mm	
Net weight	0.04 kg	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products. This documentainds is not inherhaded as a substitute for and is not to be used for determining suitability of these products for specific us 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 resp Neither TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product certifications	C-Tick[RETURN]CSA[RETURN]UL[RETURN]Ecolab
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	9.6 cm
Package 1 Length	6.7 cm
Package 1 Weight	36.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	44
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.772 kg

Offer Sustainability

Sustainable offer status	Green Premium product
Circularity Profile	No need of specific recycling operations
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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

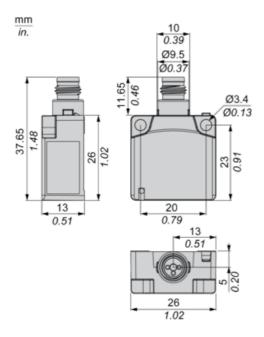
Warranty	18 months
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Product data sheet Dimensions Drawings

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Dimensions

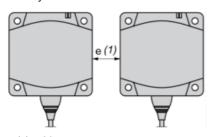


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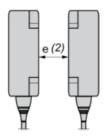
Setting-up

Minimum Mounting Distances (mm)

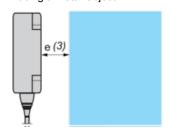
Side by Side



e (1) ≥ 30 Face to Face



e (2) ≥ 72 Facing a Metal Object



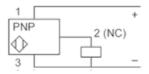
e (3) ≥ 30

Product data sheet Connections and Schema

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Wiring Schemes

PNP



M8

