XS8D1A1NAL2

Inductive proximity sensors XS, inductive sensor XS8 80x80x26, PBT, Sn60mm, 12...24 VDC, cable 2 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 80 x 80 x 26
Size	26 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	40 Mm flush mountable 60 mm non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Complementary		
Detection face	Frontal	
Front material	PBT	
Fine adjustment zone	2040 Mm flush mountable 2060 mm non flush mountable	
Differential travel	115% of Sr	
Cable composition	3 x 0.34 mm ²	
Wire insulation material	PVC	
Supply voltage limits	1036 V DC	
Maximum residual current	1.5 mA open state	
Switching frequency	<= 150 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	6 ms	
Marking	CE	
Depth	26 mm	
Height	80 mm	

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.

Width	80 mm
Net weight	0.39 kg

Environment

Product certifications Ecolab[RETURN]CSA[RETURN]UL	
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	6.700 cm
Package 1 Width	9.600 cm
Package 1 Length	13.200 cm
Package 1 Weight	431.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	14
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.360 kg

Offer Sustainability

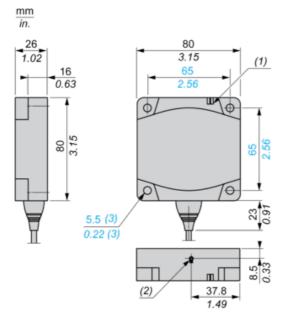
Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
Mercury free	Yes	
RoHS exemption information	€Yes	
Circularity Profile	No need of specific recycling operations	
California proposition 65	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	

Contractual warranty

Warranty	18 months	

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Dimensions



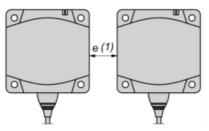
- (1) LED
- (2) Teach mode button
- (3) For CHC type screws

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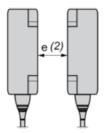
Setting-up

Minimum Mounting Distances (mm)

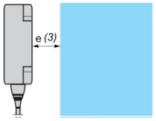
Side by Side



Face to Face



Facing a Metal Object



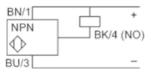
	e (1)	e (2)	e (3)
Flush mounted	200	400	40
Not flush mounted	600	not recommended	

Product data sheet Connections and Schema

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Wiring Schemes

NPN



BU : Blue BN : Brown BK : Black