

Product data sheet

XS8E1A1NAL2

Inductive sensor, XS8, 26x26x13 mm, PBT, Sn 15 mm, NPN, NO, cable 2 m, form E flat, 12...24 VDC

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor name	XS8
Sensor type	Inductive proximity sensor
Sensor design	Flat form 26 x 26 x 13
Device application	Not applicable
ETIM classification	ETIM 9 - EC002714 - Inductive proximity switch
Body type	Fixed
Material	Plastic
Front material	PBT
Enclosure material	PBT
[Sn] nominal sensing distance	10 mm flush mountable, 15 mm non flush mountable
Wiring technique	3-wire
Detector flush mounting acceptance	Non flush mountable
Delay response	0.3 ms
Product certifications	CSA Ecolab UL
Marking	CE
Indivisible sale quantity	1

Complementary

Sensing range	8...15 mm
Electrical connection	Cable
Cable length	2 m
Cable composition	3 x 0.34 mm²
Wire insulation material	PVC
Supply voltage limits	10-36 V DC
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA DC with overload and short-circuit protection

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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.
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Voltage drop	<2 V (closed)
Current consumption	<= 10 mA no-load
Output circuit type	DC
Type of output signal	Discrete
Detection face	Frontal
Discrete output type	NPN
Discrete output function	1 NO
Switching frequency	<= 2000 Hz
Differential travel	1...15 % of Sr
Fine adjustment zone	5-10 mm flush mountable, 5-15 mm non flush mountable
Delay first up	10 ms
Delay recovery	0.8 ms
Residual current	1.5 mA open state
Height	26 mm
Width	26 mm
Depth	13 mm
Size	13 mm
Product weight	0.075 kg

Environment

IP degree of protection	IP68 double insulation conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10-55 Hz) conforming to IEC 60068-2-6

Offer Sustainability

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

Warranty

Warranty	18 months

Packing Units

Country of origin	FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916009628

Package 1 height	4.2 cm
Package 1 width	9.6 cm
Package 1 length	13.2 cm
Package 1 weight	0.075 kg
Unit type of package 2	S01
Number of units in package 2	11
New Package 2 GTIN 14	13666916009625
Package 2 height	15 cm
Package 2 width	15 cm
Package 2 length	40 cm
Package 2 weight	1.325 kg
Unit type of package 3	CAR
Number of units in package 3	1
New Package 3 GTIN 14	23666916009622
Package 3 height	13.2 cm
Package 3 width	4.2 cm
Package 3 length	9.6 cm
Package 3 weight	0.1 kg