Product data sheet
Characteristics

XS8E1A1PAM8
Inductive proximity sensors XS, inductive sensor XS8 26x26x13, PBT, Sn15mm, 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	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	10 Mm flush mountable 15 Mm non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Male connector M8, 3 pins
[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
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	5…10 Mm flush mountable 5…15 Mm non flush mountable
Differential travel	1...15% of Sr
Supply voltage limits	10…36 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

mation provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
mentation 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.
uty 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.
chneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Maximum delay response	0.3 Ms
Maximum delay recovery	0.8 Ms
Marking	CE
Depth	13 Mm
Height	26 Mm
Width	26 Mm
Net weight	0.04 Kg

Environment

Product certifications	UL Ecolab CSA
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10…55 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 Weight	41.0 G
Package 1 Height	4.2 Cm
Package 1 width	6.5 Cm
Package 1 Length	9.5 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	20
Package 2 Weight	1.009 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	40 Cm

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) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised