

# XS8D1A1PAL2

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	1.57 In (40 mm) flush mountable 2.36 In (60 mm) non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 Ft (2 m)
[Us] rated supply voltage	12...24 V DC 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

Detection face	Frontal
Front material	PBT
Fine adjustment zone	0.79...1.57 In (20...40 mm) flush mountable 0.79...2.36 In (20...60 mm) non flush mountable
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Supply voltage limits	10...36 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	1.02 In (26 mm)
Height	3.15 In (80 mm)
Width	3.15 In (80 mm)
Product weight	0.86 Lb(US) (0.39 kg)

## Environment

Product certifications	CSA UL Ecolab
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-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	14.81 Oz (420 g)
Package 1 Height	2.60 In (6.6 cm)
Package 1 width	3.78 In (9.6 cm)
Package 1 Length	5.28 In (13.4 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	14
Package 2 Weight	14.11 Lb(US) (6.4 kg)
Package 2 Height	5.91 In (15 cm)
Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**

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