

# Product data sheet

## Characteristics

# XS508B1PAL2

Inductive proximity sensors XS, inductive sensor XS5 M8, L33mm, stainless, Sn1.5 mm, 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	XS5
Sensor design	Cylindrical M8
Size	33 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	1.5 Mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	2 M
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

### Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...1.2 Mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...36 V DC

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Maximum voltage drop	<2 V (closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 Ms
Maximum delay response	0.1 Ms
Maximum delay recovery	0.1 Ms
Marking	CE
Threaded length	25 Mm
Length	33 Mm
Net weight	0.035 Kg

## Environment

Product certifications	CSA UL
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	54.0 G
Package 1 Height	4 Cm
Package 1 width	9.5 Cm
Package 1 Length	13.2 Cm
Unit Type of Package 2	P06
Number of Units in Package 2	352
Package 2 Weight	34.62 Kg
Package 2 Height	75 Cm
Package 2 width	60 Cm
Package 2 Length	80 Cm
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Weight	2.46 Kg
Package 3 Height	30 Cm
Package 3 width	30 Cm
Package 3 Length	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>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

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