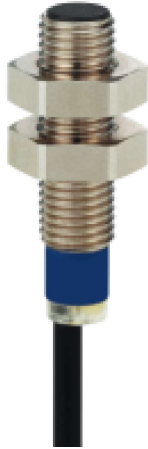


# Product data sheet

## Characteristics

# XS508BLPAL2

Inductive proximity sensors XS, inductive sensor XS5 M8, L51mm, stainless, Sn1.5 mm, 12...48 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	51 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
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...48 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	Stainless steel 303
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...58 V DC

Information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. It 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. The user 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. Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	42 Mm
Length	51 Mm
Net weight	0.035 Kg




## Environment

Product certifications	UL 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	40.0 G
Package 1 Height	2.4 Cm
Package 1 width	12.6 Cm
Package 1 Length	11.6 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	1.729 Kg
Package 2 Height	15 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm
Package 3 Height	15 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**