# XS4P18PA370E1

Inductive proximity sensors XS, inductive sensor XS4 M18, L62mm, PPS, Sn8mm, 12...48 VDC, cable 2 m



### Main

Widin	
Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS4
Sensor design	Cylindrical M18
Size	62 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	8 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
[Us] rated supply voltage	1248 V DC with 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

Complementary		
Thread type	M18 x 1	
Detection face	Frontal	
Front material	PPS	
Enclosure material	PPS	
Operating zone	06.4 mm	
Differential travel	115% of Sr	
Status LED	Output state: 1 LED (yellow)	
Supply voltage limits	1058 V DC	
Switching frequency	<= 2000 Hz	
Maximum voltage drop	<2 V (closed)	
Current consumption	010 mA no-load	
Maximum delay first up	10 ms	
Maximum delay response	0.15 ms	
Maximum delay recovery	0.35 ms	
Marking	CE	
Threaded length	52 mm	
Height	18 mm	
Length	62 mm	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interest of and is not to be used for determining suitability or flushed products for specific user applications. It is the documentation is not 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. Neither TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

### **Environment**

Product certifications	UL[RETURN]CSA[RETURN]Ecolab[RETURN]CCC
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 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 Height	3.0 cm
Package 1 Width	5.0 cm
Package 1 Length	13.0 cm
Package 1 Weight	175.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	7
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.448 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
Circularity Profile	☐ End of Life Information
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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

