

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	2-wire
[Sn] nominal sensing distance	1.5 mm
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	1.5...100 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	2 x 0.11 mm <sup>2</sup>
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...58 V DC
Maximum residual current	0.5 mA open state
Switching frequency	<= 4000 Hz
Maximum voltage drop	<4 V (closed)
Maximum delay first up	10 ms
Maximum delay response	0.2 ms
Maximum delay recovery	0.2 ms
Marking	CE
Threaded length	42 mm
Length	51 mm
Net weight	0.035 kg

## Environment

Product certifications	UL[RETURN]CCC[RETURN]CSA
Ambient air temperature for operation	-40...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 Height	4.2 cm
Package 1 Width	9.7 cm
Package 1 Length	13.2 cm
Package 1 Weight	0.06 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
Circularity Profile	 <a href="#">End of Life Information</a>
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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