



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Sensor type	Inductive proximity sensor
Electrical circuit type	Analog output
Sensor name	XS4
Sensor design	Cylindrical M12
Size	54 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Analogue
Wiring technique	3-wire
[Sn] nominal sensing distance	4 Mm
Discrete output function	1 NC
Output circuit type	DC
Analogue output range	0...10 V
Electrical connection	Cable
Cable length	2 M
[Us] rated supply voltage	24...48 V DC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PBT
Enclosure material	PBT
Operating zone	0.4...4 Mm
Repeat accuracy	<= 3% of Sr
Linearity error	+/- 2 mA
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Supply voltage limits	15...58 V DC
Switching frequency	<= 1500 Hz
Current consumption	4 mA no-load

Maximum output current drift	10 %
Marking	CE
Threaded length	42 Mm
Height	12 Mm
Length	54 Mm
Net weight	0.065 Kg

Environment

Product certifications	CSA CCC UL
Ambient air temperature for operation	-25...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	70 G
Package 1 Height	2.9 Cm
Package 1 width	13.9 Cm
Package 1 Length	14.1 Cm
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	84 G
Package 2 Height	2 Cm
Package 2 width	20 Cm
Package 2 Length	15 Cm
Unit Type of Package 3	S02
Number of Units in Package 3	22
Package 3 Weight	1.796 Kg
Package 3 Height	15 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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

Contractual warranty

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