



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS7
Sensor design	Form 12 x 40 x 26
Size	26 mm
Body type	Fixed
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	2 mm
Discrete output function	1 NO
Discrete output type	NPN
Electrical connection	Cable
Cable length	2 m
Wire insulation material	PVC
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Lateral
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Front material	Plastic
Operating zone	0...1.6 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 10% of Sr
Output circuit type	DC
Cable composition	3 x 0.34 mm ²
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...30 V DC
Switching frequency	<= 2000 Hz
Maximum voltage drop	<1.8 V (closed)
Current consumption	0...10 mA no-load
Maximum delay first up	4 ms
Maximum delay response	0.5 ms
Maximum delay recovery	1 ms
Marking	CE
Depth	26 mm
Height	40 mm
Width	12 mm
Net weight	0.1 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

Package 1 Weight	0.099 kg
Package 1 Height	0.450 dm
Package 1 width	0.450 dm
Package 1 Length	1.400 dm

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

Contractual warranty

Warranty	18 months
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