

# Product data sheet

Specifications



Inductive proximity sensors XS, inductive sensor XS7 12x40x26, plastic, Sn2mm, 12...24 VDC, cable 2 m

XS7G12PA140

## 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	PNP
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 <sup>2</sup>
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

## 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	93 g
Package 1 Height	4.5 cm
Package 1 width	4.5 cm
Package 1 Length	14 cm
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Weight	2.991 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 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>

<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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