

# XS4P12AB120LD01

Inductive proximity sensors XS, inductive sensor XS4 M12, L50mm, PPS, Sn4mm, 12...24 VDC



## 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	50 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Analogue
Wiring technique	2-wire
[Sn] nominal sensing distance	4 mm
Output circuit type	DC
Analogue output range	4...20 mA
[Us] rated supply voltage	12...24 V DC
IP degree of protection	IP67 conforming to IEC 60529

## Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	PBT
Operating zone	0...3.2 mm
Repeat accuracy	<= 3% of Sr
Linearity error	+/- 2 mA
Supply voltage limits	10...36 V DC
Switching frequency	<= 1500 Hz
Current consumption	4 mA no-load
Maximum output current drift	10 %
Marking	CE
Net weight	0.065 kg


## Environment

Product certifications	UL[RETURN]CSA
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	13 cm
Package 1 Length	9.6 cm
Package 1 Weight	89 g

## 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: 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>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>