

Product data sheet

Specifications



Inductive proximity sensors XS, inductive sensor XS4 M30, L53mm, PBT, Sn15mm, 12..24VDC, Cable 6m, Molex connector

XS4P30AB9D2

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 M30
Size	53 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	15 mm
Output circuit type	DC
Analogue output range	4...20 mA
Electrical connection	1 remote connector Molex 4-pin
Cable length	6 m
[Us] rated supply voltage	12...24 V DC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	PBT
Operating zone	1.5...15 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	10...38 V DC
Switching frequency	<= 300 Hz
Current consumption	4 mA no-load
Maximum output current drift	10 %
Marking	CE
Threaded length	32 mm
Height	30 mm
Length	53 mm

Environment

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

Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	9.5 cm
Package 1 Length	13.0 cm
Package 1 Weight	231.0 g
Unit Type of Package 2	Doboz
Number of Units in Package 2	30
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	7.318 kg

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

Recommended replacement(s)