

Product data sheet

XS4P30AB120

Inductive sensor, XS4, M30, Sn 15 mm, cable 2 m, L53 mm, 12...24 VDC

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Sensor name	XS4
Sensor type	Inductive proximity sensor
Sensor design	Cylindrical M30
ETIM classification	ETIM 9 - EC002714 - Inductive proximity switch
Body type	Fixed
Material	Plastic
Front material	PPS
Enclosure material	PBT
[Sn] nominal sensing distance	15 mm
Wiring technique	2-wire
Detector flush mounting acceptance	Non flush mountable
Thread type	M30 x 1.5
Product certifications	CSA UL
Marking	CE
Indivisible sale quantity	1

Complementary

Sensing range	8...15 mm
Repeat accuracy	<= 3% of Sr
Electrical connection	Cable
Electrical circuit type	Analog output
Cable length	2 m
Cable composition	3 x 0.34 mm²
Wire insulation material	PVC
Supply voltage limits	10-38 V DC
[Us] rated supply voltage	12...24 V DC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Current consumption	4 mA no-load
Output circuit type	DC
Type of output signal	Analogue
Output current drift	10 %
Detection face	Frontal
Analogue output range	4...20 mA
Switching frequency	<= 300 Hz
Linearity error	+/- 2 mA
Threaded length	32 mm
Height	30 mm
Length	53 mm
Size	53 mm
Product weight	0.1 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C

Offer Sustainability

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

Warranty

Warranty	18 months

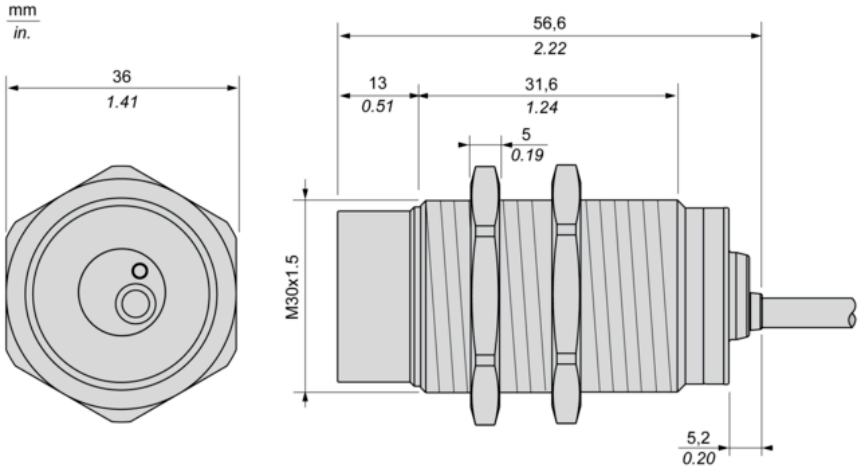
Packing Units

Country of origin	FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916014769
Package 1 height	4.1 cm
Package 1 width	9.5 cm
Package 1 length	13 cm
Package 1 weight	0.1 kg
Unit type of package 2	S03
Number of units in package 2	44
New Package 2 GTIN 14	13666916014766
Package 2 height	30 cm
Package 2 width	30 cm

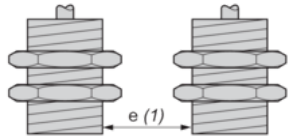
Package 2 length	40 cm
Package 2 weight	6.139 kg
Unit type of package 3	BAG
Number of units in package 3	1
New Package 3 GTIN 14	23666916014763
Package 3 height	3 cm
Package 3 width	25 cm
Package 3 length	20 cm
Package 3 weight	0.139 kg

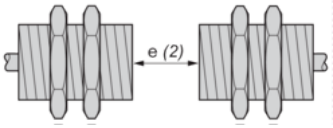
Technical Drawings

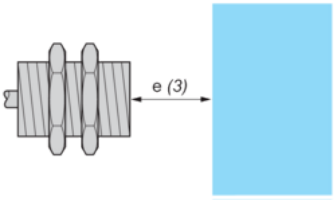
Dimensions

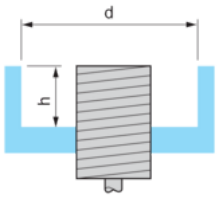


Minimum Mounting Distances



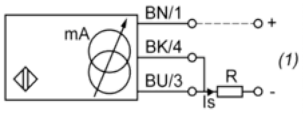






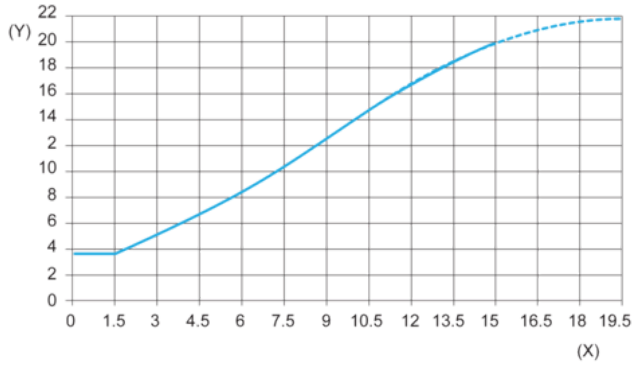
Side by side
e (1) ≥
Face to face
e (2) ≥
Facing a metal object
e (3) ≥
Mounted in a metal support
d ≥
h ≥

Wiring Schemes



2-Wire connection
(1)
BN :
BK :
BU :

Output Curves



(Y)
(X)