Product data sheet
Characteristics

XS1M30KPM40
Inductive proximity sensors XS, inductive sensor XS1 M30, L60mm, stainless, Sn10mm, 12...24 VDC, cable 2 m

Green Premium

Commercial status
End of commercialisation : DEC 31, 2022

⚠ End of commercialisation

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Factor 1 (Fe/Nfe)
Sensor name	XS1
Sensor design	Cylindrical M30
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Enclosure material	Stainless steel : 304 CU
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	10 Mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Discrete output type	PNP and NPN
Electrical connection	Cable
Cable length	2 M
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP68 conforming to IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Operating zone	0…8 Mm
Differential travel	1...15% of Sr
Repeat accuracy	3% of Sr
Cable composition	4 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10…38 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2.6 V (closed)
Current consumption	0...15 mA no-load
Maximum delay first up	5 Ms
Maximum delay response	0.3 Ms
Maximum delay recovery	0.7 Ms
Marking	CE
Threaded length	52 Mm

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Length	60 Mm
Net weight	0.205 Kg

Environment

Product certifications	UL CSA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	207.0 G
Package 1 Height	4.2 Cm
Package 1 width	9.5 Cm
Package 1 Length	13.2 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Weight	2.45 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	40 Cm

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

Contractual warranty

Warranty	18 months

Product Life Status : End of commerc. - Block