

Product data sheet

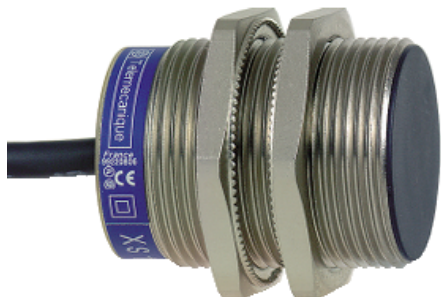
Characteristics

XS1N30NC410L1

inductive sensor XS1 M30 - L41mm - brass - Sn10mm - 12..24VDC - cable 5m

Price* : 125.00 USD

XS1N30NC410L1 has not been replaced. Please contact your customer care center for more information.



⚠ Discontinued

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS1
Sensor design	Cylindrical M30
Size	41 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	0.39 in (10 mm)
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	16.4 ft (5 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 double insulation conforming to IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...0.31 in (0...8 mm)
Differential travel	1...15% of Sr
Cable composition	4 x 0.22 mm ²
Wire insulation material	PvR

Status LED	1 LED yellow output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	<= 5 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	1.26 in (32 mm)
Height	1.18 in (30 mm)
Length	1.61 in (41 mm)
Product weight	0.35 lb(US) (0.16 kg) 0.62 lb(US) (0.28 kg)

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
Nbr. of units in pkg.	1
Package weight(Lbs)	0
Returnability	N
Country of origin	FR

Contractual warranty

Warranty period	18 months
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