

XS218BLNAL5

inductive sensor XS2 M18 - L51mm - brass -
Sn8mm - 12..24VDC - cable 5m



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS2
Sensor design	Cylindrical M18
Size	51 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	8 mm
Discrete output function	1 NO
Discrete output type	NPN
Electrical connection	Cable
Cable length	16.40 ft (5 m)
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 IEC 60529

Complementary

ISO thread	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Front material	PPS
Operating zone	0.00...0.25 in (0...6.4 mm)
Differential travel	1...15% of Sr
Output circuit type	DC
Cable composition	3 x 0.34 mm ²
Wire insulation material	PVC

Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...36 V DC
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	5 ms
Maximum delay response	1 ms
Maximum delay recovery	2 ms
Marking	CE
Threaded length	1.61 in (41 mm)
Height	0.71 in (18 mm)
Length	2.01 in (51 mm)
Net weight	0.50 lb(US) (0.225 kg)

Environment

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 +/- 2 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Packing Units

Package 1 Weight	5.47 oz (155.000 g)
Package 1 Height	11.02 in (280.000 mm)
Package 1 width	5.91 in (150.000 mm)
Package 1 Length	1.38 in (35.000 mm)

Contractual warranty

Warranty	18 months
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