

Product data sheet

Characteristics

XS512BLNBL5

inductive sensor XS5 M12 - L53mm - brass -
Sn2mm - 12..48VDC - cable 5m

Price* : 81.05 USD



(!) Discontinued

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS5
Sensor design	Cylindrical M12
Size	53 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.08 in (2 mm)
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	NPN
Electrical connection	cable
Cable length	16.40 ft (5 m)
[Us] rated supply voltage	12..48 V DC reverse polarity protection
Switching capacity in mA	<= 200 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation IEC 60529 IP69K DIN 40050

Disclaimer: 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

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0.00...0.06 in (0...1.6 mm)
Differential travel	1...15% of Sr

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply voltage limits	10...58 V DC
Switching frequency	<= 5000 Hz
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.1 ms
Maximum delay recovery	0.1 ms
Marking	CE
Threaded length	1.65 in (42 mm)
Height	0.47 in (12 mm)
Length	2.09 in (53 mm)
Net weight	0.43 lb(US) (0.195 kg)

Environment

Product certifications	UL CSA
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

Ordering and shipping details

Category	22486-SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	03389119046527
Package weight(Lbs)	0.36 lb(US) (0.165 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	1.300 dm
Package 1 width	0.410 dm
Package 1 Length	0.940 dm

Contractual warranty

Warranty	18 months
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