

# XS508B1DBM12

inductive sensor XS5 M8 - L62mm - stainless - Sn1.5mm - 12..48VDC - M12



Product availability: Stock - Normally stocked in distribution facility



## Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS5
Sensor design	Cylindrical M8
Size	62 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.06 in (1.5 mm)
Discrete output function	1 NC
Output circuit type	DC
Electrical connection	Male connector M12 4 pins
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	1.5...100 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

## Complementary

ISO thread	M8 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Stainless steel 303
Operating zone	0...0.05 in (0...1.2 mm)
Differential travel	1...15% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...58 V DC
Residual current	<= 0.5 mA, open state
Switching frequency	<= 4000 Hz
Voltage drop	<= 4 V, closed state
Delay first up	<= 10 ms
Delay response	<= 0.2 ms
Delay recovery	<= 0.2 ms
Marking	CE
Threaded length	1.57 in (40 mm)
Height	0.71 in (18 mm)
Length	2.44 in (62 mm)
Product weight	0.06 lb(US) (0.025 kg)

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## Environment

Product certifications	CCC 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 (duration = 11 ms) conforming to IEC 60068-2-27

## Ordering and shipping details

Product availability	Stock - Normally stocked in distribution facility
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## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1010 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Available <a href="#">Download End Of Life Manual</a>

## Contractual warranty

Period	18 months
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