

# XS508B1NAL2

inductive sensor XS5 M8 - L33mm - brass -  
Sn1.5mm - 12..24VDC - cable 2m



## 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	33 mm
Body type	Fixed
Flush mountability	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring techniques	3-wire
Sd sensing range	> 0...2.5 mm
[Sn] nominal sensing distance	1.5 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	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 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
Enclosure material	Nickel plated brass
Operating zone	0...1.2 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10 - 36 V DC
Switching frequency	<= 5000 Hz
Voltage drop	<= 2 V, closed state
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.1 ms
Delay recovery	<= 0.1 ms
Marking	CE
Threaded length	25 mm
Length	33 mm
CAD overall height	8 mm
CAD overall depth	33 mm
Product weight	0.035 kg

## Environment

Product certifications	CSA UL
Ambient air temp for op	-25...70 °C
Ambient air temp for storage	-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