

## XS618B1NAL2

inductive sensor XS6 M18 - L61.4mm - brass - Sn8mm - 12..48VDC - cable 2m



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS6
Sensor design	Cylindrical M18
Size	61.4 mm
Body type	Fixed
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sd] sensing range	> 4...8 mm
[Sn] nominal sensing distance	8 mm
Discrete output function	1 NO
Discrete output type	NPN
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
IP degree of protection	IP68 double insulation conforming to IEC 60529 IP69 K conforming to DIN 40050

### Complementary

ISO thread	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...6.4 mm
Differential travel	1...15% of Sr
Output circuit type	DC
Cable composition	3 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...58 V DC
Switching capacity in mA	≤ 200 mA DC with overload and short-circuit protection
Switching frequency	≤ 1000 Hz
Voltage drop	≤ 2 V , closed state
Current consumption	≤ 10 mA (no-load)
Delay first up	≤ 10 ms
Delay response	≤ 0.3 ms
Delay recovery	≤ 0.7 ms
Marking	CE
Threaded length	51 mm
Length	60 mm
Product weight	0.12 kg

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## Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature 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
RoHS EUR conformity date	0812
RoHS EUR status	Compliant