

# XS618B1MAL2

inductive sensor XS6 M18 - L61.4mm - brass - Sn8mm - 24..240VAC/DC - 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	2-wire
[Sd] sensing range	> 4...8 mm
[Sn] nominal sensing distance	8 mm
Discrete output function	1 NO
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
IP degree of protection	IP68 double insulation IEC 60529 IP69 K 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	AC/DC
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED yellow output state
Supply voltage limits	20...264 V AC/DC
Residual current	≤ 0,8 mA open state
Switching capacity in mA	5...200 mA DC 5...300 mA AC
Switching frequency	≤ 1000 Hz DC ≤ 25 Hz AC
Voltage drop	≤ 5,5 V closed
Delay first up	≤ 25 ms
Delay response	≤ 0,5 ms
Delay recovery	≤ 0,5 ms
Marking	CE
Threaded length	51 mm
Length	60 mm
Product weight	0,12 kg

## 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 +/- 2 mm 10...55 Hz IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
RoHS EUR conformity date	0814
RoHS EUR status	Compliant