

XS518B1DAL5

inductive sensor XS5 M18 - L52.5mm - brass -
Sn5mm - 12..48VDC - cable 5m



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS5
Sensor design	Cylindrical M18
Size	52.5 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sd] sensing range	> 4...8 mm
[Sn] nominal sensing distance	5 mm
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
Cable length	5 m
[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	IP69 K conforming to DIN 40050 IP68 double insulation conforming to IEC 60529

Complementary

ISO thread	M18 x 1
Detection face	Frontal
Enclosure material	Nickel plated brass
Operating zone	0...4 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...58 V DC
Residual current	<= 0.5 mA, open state
Switching frequency	<= 3000 Hz
Voltage drop	<= 4 V, closed state
Delay first up	<= 10 ms
Delay response	<= 0.15 ms
Delay recovery	<= 0.2 ms
Marking	CE
Threaded length	44 mm
Length	52.5 mm
CAD overall height	18 mm

CAD overall depth	53 mm
Product weight	0.24 kg

Environment

Product certifications	CSA UL CCC
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