XS618B1PAM12

inductive sensor XS6 M18 - L73.2mm - brass - Sn8mm - 12..48VDC - M12

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	73.2 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	PNP
Electrical connection	Male connector M12 4 pins
[Us] rated supply voltage	12...48 V DC reverse polarity protection
IP degree of protection	IP67 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	DC
Status LED	1 LED yellow output state
Supply voltage limits	10...58 V DC
Switching capacity in mA	≤ 200 mA DC overload and short-circuit protection
Switching frequency	<= 1000 Hz
Voltage drop	≤ 2 V closed
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	72,2 mm
Product weight	0,04 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 +/- 2 mm 10...55 Hz IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
RoHS EUR conformity date	0805
RoHS EUR status	Compliant

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