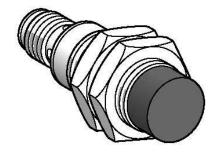
XS2N18NC410D

inductive sensor XS2 M18 - L48.6mm - brass - Sn8mm - 12..24VDC - M12



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS2
Sensor design	Cylindrical M18
Size	48.6 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	4-wire
[Sd] sensing range	> 48 mm
[Sn] nominal sensing distance	8 mm
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	NPN
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Complementary	
ISO thread	M18 x 1
Detection face	Frontal
Enclosure material	Nickel plated brass
Operating zone	06.4 mm
Differential travel	115% of Sr
Status LED	1 LED yellow for output state
Supply voltage limits	1036 V DC
Switching frequency	<= 2000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	010 mA at no-load
Delay first up	<= 5 ms
Delay response	<= 0.15 ms
Delay recovery	<= 0.35 ms
Marking	CE
Threaded length	20 mm
Length	48 mm
CAD overall height	18 mm
CAD overall depth	48 mm
Product weight	0.03 kg
	0.04 kg

Environment

Environment	
Product certifications	CSA UL
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
RoHS EUR status	Compliant
RoHS EUR conformity date	1104