

XS4P30PA370L1

inductive sensor XS4 M30 - L60mm - PPS - Sn15mm - 12..48VDC - cable 5m



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS4
Sensor design	Cylindrical M30
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sd] sensing range	> 8...15 mm
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	5 m
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

ISO thread	M30 x 1.5
Detection face	Frontal
Enclosure material	PPS
Operating zone	0...12 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V (closed state)
Current consumption	0...10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	51.5 mm
Length	60 mm
CAD overall height	30 mm

CAD overall depth	60 mm
Product weight	0.26 kg 0.14 kg

Environment

Product certifications	CCC 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