XS4P30PA370

inductive sensor XS4 M30 - L62mm - PPS -Sn15mm - 12..48VDC - cable 2m





Main

Series name General purpose Sensor type Inductive proximity sensor Sensor name XS4 Sensor design Cylindrical M30 Size 62 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA	Range of product	OsiSense XS
Sensor name XS4 Sensor design Cylindrical M30 Size 62 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Size 62 mm Non flush mountable Avairable Plastic Type of output signal Discrete Discrete Discrete Discrete Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in rotection	Series name	General purpose
Sensor design Cylindrical M30 Size 62 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Cylindrical M30 Fixed Non flush mountable acceptance Plastic Type of output signal Discrete Jestical Cable Able Able Able Able Able Able Able A	Sensor type	Inductive proximity sensor
Size 62 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Fixed Non flush mountable Non flush mountable 1 NO Discrete Plastic 15 mm 15 mm 15 mm 15 mm 15 mm 15 mm 1 NO Output circuit type DC Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in reverse polarity protection voltage	Sensor name	XS4
Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Fixed Non flush mountable 1 NO Discrete Discrete 1 S mm 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA	Sensor design	Cylindrical M30
Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Non flush mountable Non flush mountable Non flush mountable Plastic Type of output signal Discrete Discrete 15 mm 15 mm 15 mm 15 mm 12 mV 10 VOV 10 VOV 10 VOV 10 VOV 10 VOV 11 VOV 12 VOV 12 VOV 13 VOV 14 VOV 15 VOV 16 VOV 17 VOV 18 VOV 18 VOV 19 VOV 19 VOV 10 VOV 10 VOV 10 VOV 10 VOV 10 VOV 10 VOV 11 VOV 12 VOV 13 VOV 14 VOV 15 VOV 16 VOV 17 VOV 18 VOV 18 VOV 18 VOV 18 VOV 19 VOV	Size	62 mm
acceptance Material Plastic Type of output signal Discrete Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Plastic Discrete Jusicrete J	Body type	Fixed
Type of output signal Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Discrete 15 mm 15 mm 10 MO CD 10 MO 10 MO 10 MO 10 MO 11 MO 12 MO 12 MO 12 MO 12 MO 12 MO 13 MO 14 MO 15 MO 16 MO 17 MO 18 MO 1	•	Non flush mountable
Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Switching capacity in protection	Material	Plastic
[Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA The many sensing the many strength of the many st	Type of output signal	Discrete
distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Cable Cable with reverse polarity protection voltage	Wiring technique	3-wire
Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Cable DC PNP 1248 V DC with reverse polarity protection **Continuous of the continuous of the		15 mm
Discrete output type PNP Electrical connection Cable Cable length 2 m [Us] rated supply voltage 1248 V DC with reverse polarity protection voltage Switching capacity in mA	Discrete output function	1 NO
Electrical connection Cable Cable length 2 m [Us] rated supply voltage Switching capacity in mA Cable Cable length 2 m 1248 V DC with reverse polarity protection voltage <= 200 mA DC with overload and short-circuit protection	Output circuit type	DC
Cable length 2 m [Us] rated supply voltage 1248 V DC with reverse polarity protection voltage Switching capacity in mA = 200 mA DC with overload and short-circuit protection	Discrete output type	PNP
[Us] rated supply voltage Switching capacity in mA 1248 V DC with reverse polarity protection <= 200 mA DC with overload and short-circuit protection	Electrical connection	Cable
voltage Switching capacity in mA	Cable length	2 m
mA protection		1248 V DC with reverse polarity protection
IP degree of protection IP68 double insulation conforming to IEC 60529	. ,	
	IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary	
Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Operating zone	012 mm
Differential travel	115% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	1058 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	010 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.7 ms
Marking	CE
Threaded length	52 mm
Height	30 mm
Length	62 mm

Environment

Product certifications	UL CSA CCC Ecolab
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
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	141.9 g	
Package 1 Height	4.2 cm	
Package 1 width	9.5 cm	
Package 1 Length	13.2 cm	

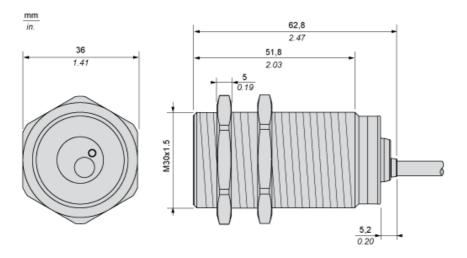
Offer Sustainability

Onor Odolamability	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EVEU RoHS Declaration
Mercury free	Yes
RoHS exemption information	€Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months

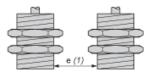
Dimensions



XS4P30PA370

Minimum Mounting Distances

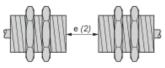
Side by side



e (1) 60 mm/2.36 in.

≥

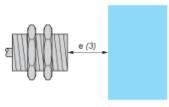
Face to face



e (2) 180 mm/7.09 in.

≥

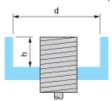
Facing a metal object



e (3) 45 mm/1.77 in.

≥

Mounted in a metal support

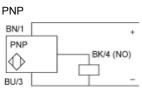


 $d \ge 90 \text{ mm/}3.54 \text{ in.}$ $h \ge 30 \text{ mm/}1.18 \text{ in.}$

Product data sheet Connections and Schema

XS4P30PA370

Wiring Schemes

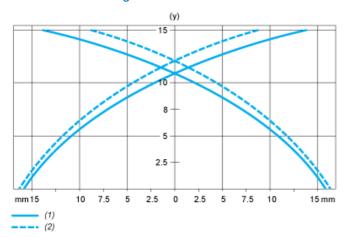


BU: Blue BN: Brown BK: Black

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Performance Curves

Standard Steel Target: 45x45x1 mm



- (1) Pick-up points
- (2) Drop-out points (object approaching from the side)(y) Sensing distance in mm