XS4P30PA370

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



Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS4
Sensor design	Cylindrical M30
Size	62 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.59 in (15 mm)
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	1248 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

Complementary	
Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Operating zone	00.47 in (012 mm)
Differential travel	115% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED (yellow) output state
Supply voltage limits	1058 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V (closed
Current consumption	010 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	2.05 in (52 mm)
Height	1.18 in (30 mm)
Length	2.44 in (62 mm)

Environment

Product certifications	UL CSA Ecolab CCC
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40185 °F (-4085 °C)
Vibration resistance	25 gn, amplitude: +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901927082
Nbr. of units in pkg.	1
Package weight(Lbs)	0.37
Returnability	N
Country of origin	FR

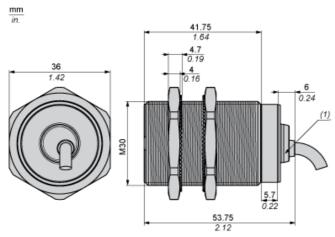
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0838 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
* *	

Dimensions

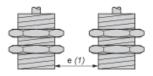


(1) LED

XS4P30PA370

Minimum Mounting Distances

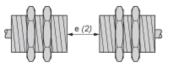
Side by side



e (1) 60 mm/2.36 in.

≥

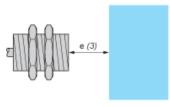
Face to face



e (2) 180 mm/7.09 in.

≥

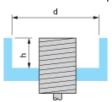
Facing a metal object



e (3) 45 mm/1.77 in.

≥ `

Mounted in a metal support

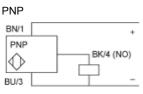


 $d \ge 90 \text{ mm/}3.54 \text{ in.}$ $h \ge 30 \text{ mm/}1.18 \text{ in.}$

Product data sheet Connections and Schema

XS4P30PA370

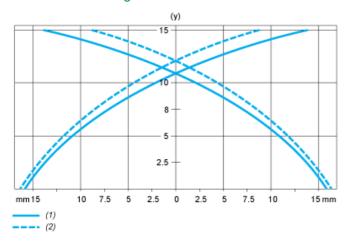
Wiring Schemes



BU : Blue BN : Brown BK : Black

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

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