Product data sheet Characteristics

XS4P30MA230

Inductive proximity sensors XS, inductive sensor XS4 M30, L62mm, PPS, Sn15mm, 24...240VAC/DC, cable 2 m





Main

Range of product	Telemecanique Inductive proximity sensors XS	
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	Non flush mountable	
Material	Plastic	
Type of output signal	Discrete	
Wiring technique	2-wire	
[Sn] nominal sensing distance	15 Mm	
Discrete output function	1 NO	
Output circuit type	AC/DC	
Electrical connection	Cable	
Cable length	2 M	
[Us] rated supply voltage	24240 V AC/DC 50/60 Hz	
Switching capacity in mA	5200 mA DC 5300 mA AC	
IP degree of protection	IP68 double insulation conforming to IEC 60529	

Complementary

M30 x 1.5
Frontal
PPS
PPS
012 Mm
115% of Sr
2 x 0.34 mm²
PvR
Output state: 1 LED (yellow)
20264 V AC/DC
0.6 MA open state
<= 1000 Hz DC <= 25 Hz AC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interneted as a substitute for and is not to be used for determining suitability or reliability of these products with expect to the relevant specific application it is the douty of any sub user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or substitatives shall be responsible or liable for misuse of the information contained herein.

Maximum voltage drop	<5.5 V (closed)	
Maximum delay first up	40 Ms	
Maximum delay response	0.2 Ms	
Maximum delay recovery	0.4 Ms	
Marking	CE	
Threaded length	52 Mm	
Height	30 Mm	
Length	62 Mm	

Environment

Product certifications	CCC Ecolab UL CSA	
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	

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	140 G
Package 1 Height	13.4 Cm
Package 1 width	9.5 Cm
Package 1 Length	4.1 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	44
Package 2 Weight	5.992 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm
Package 3 Height	30 Cm

Offer Sustainability

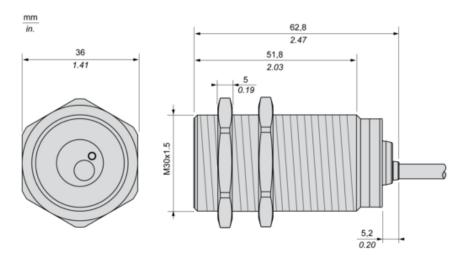
Sustainable offer status	Green Premium product	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) [☑] EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	
-	End Of Life Information	

Contractual warranty

Warranty	18 months
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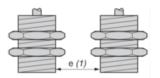


Dimensions



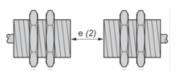
Minimum Mounting Distances

Side by side

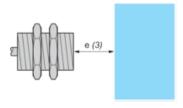


e (1) \geq 60 mm/2.36 in.

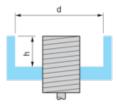
Face to face



e (2) ≥ 180 mm/7.09 in. Facing a metal object



e (3) ≥ 45 mm/1.77 in. Mounted in a metal support



d ≥ 90 mm/3.54 in.

h ≥ 30 mm/1.18 in.

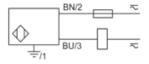
Product data sheet Connections and Schema

XS4P30MA230

Wiring Schemes

2-Wire AC or DC

NO output

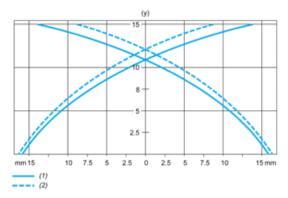


BU : Blue BN : Brown

XS4P30MA230

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

Product Life Status: Commercialised