Product data sheet
Characteristics

XS4P30MA230K
inductive sensor XS4 M30 - L70mm - PPS - Sn15mm - 24..240VAC/DC - 1/2"

Main

Commercial Status	Commercialised
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	70 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	1/2"20 UNF male connector, 3 pins
[Us] rated supply voltage	24...240 V AC/DC, 50/60 Hz
Switching capacity in mA	5...300 mA AC 5...200 mA DC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Operating zone	0...12 mm
Differential travel	1...15% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.6 mA (open state)
Switching frequency	<= 25 Hz (AC) <= 1000 Hz (DC)
Voltage drop	<= 5.5 V (closed
Delay first up	<= 40 ms
Delay response	<= 0.2 ms
Delay recovery	<= 0.4 ms
Marking	CE
Threaded length	51.5 mm
Length	70 mm
CAD overall height	30 mm
CAD overall depth	70 mm
Product weight	0.08 kg

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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

RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0840

Contractual warranty

Period	18 months