

Product Datasheet

Characteristic

XS4P30MB230

inductive sensor XS4 M30 - L62mm - PPS - Sn15mm - 24..240VAC/DC - cable 2m



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	2-wire
[Sn] nominal sensing distance	0.59 in (15 mm)
discrete output function	1 NC
output circuit type	AC/DC
electrical connection	Cable
cable length	6.56 ft (2 m)
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP68 double insulation IEC 60529

Complementary

thread type	M30 x 1.5
detection face	Frontal
front material	PPS
enclosure material	PPS
operating zone	0.00...0.47 in (0...12 mm)
differential travel	1...15% of Sr
cable composition	2 x 0.34 mm ²

wire insulation material	PvR
status LED	Output state 1 LED yellow)
supply voltage limits	20...264 V AC/DC
maximum residual current	0.6 mA open state
switching frequency	<= 1000 Hz DC <= 25 Hz AC
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	2.05 in (52 mm)
height	1.18 in (30 mm)
length	2.44 in (62 mm)

Environment

product certifications	CCC UL Ecolab CSA
ambient air temperature for operation	-13...158 °F (-25...70 °C)
ambient air temperature for storage	-40...185 °F (-40...85 °C)
vibration resistance	25 gn +/- 2 mm 10...55 Hz)IEC 60068-2-6
shock resistance	50 gn 11 ms IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP111006EN
Circularity Profile	ENVEOLI111004EN