

# Product Datasheet

## Characteristic

# XS530B1MBL2

inductive sensor XS5 M30 - L62mm -  
brass - Sn10mm - 24..240VAC/DC -  
cable 2m



## Main

range of product	OsiSense XS
series name	General purpose
sensor type	Inductive proximity sensor
device application	-
sensor name	XS5
sensor design	Cylindrical M30
size	62 mm
body type	Fixed
detector flush mounting acceptance	Flush mountable
material	Metal
type of output signal	Discrete
wiring technique	2-wire
[Sn] nominal sensing distance	0.39 in (10 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 reverse polarity protection
switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP68 double insulation IEC 60529 IP69K DIN 40050

## Complementary

thread type	M30 x 1.5
detection face	Frontal
front material	PPS
enclosure material	Nickel plated brass
operating zone	0.00...0.31 in (0...8 mm)
differential travel	1...15% of Sr

cable composition	2 x 0.34 mm <sup>2</sup>
wire insulation material	PvR
status LED	Output state 1 LED yellow)
supply voltage limits	20...264 V AC/DC
maximum residual current	0.8 mA open state
switching frequency	<= 25 Hz AC <= 500 Hz DC
maximum voltage drop	<5.5 V closed)
maximum delay first up	25 ms
maximum delay response	0.5 ms
maximum delay recovery	2 ms
marking	CE
threaded length	2.05 in (52 mm)
height	1.18 in (30 mm)
length	2.44 in (62 mm)
Net Weight	0.45 lb(US) (0.205 kg)

## Environment

product certifications	CSA UL
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
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