

Product Datasheet

Characteristic

XS630B1MAL5

inductive sensor XS6 M30 - L62mm -
brass - Sn15mm - 24..240VAC/DC -
cable 5m



Main

range of product	OsiSense XS
series name	General purpose
sensor type	Inductive proximity sensor
device application	-
sensor name	XS6
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	0.59 in (15 mm)
discrete output function	1 NO
output circuit type	AC/DC
electrical connection	Cable
cable length	16.4 ft (5 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 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

thread type	M30 x 1.5
detection face	Frontal
front material	PPS
enclosure material	Nickel plated brass
operating zone	0...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	1 LED (yellow) output state
supply voltage limits	20...264 V AC/DC
residual current	<= 0.8 mA, open state
switching frequency	<= 25 Hz AC <= 500 Hz DC
voltage drop	<= 5.5 V, closed state
delay first up	<= 25 ms
delay response	<= 0.5 ms
delay recovery	<= 2 ms
marking	CE
threaded length	2.05 in (52 mm)
length	2.44 in (62 mm)
product weight	0.72 lb(US) (0.325 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, 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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0813 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available