

# XS1L04NB310

inductive sensor XS1 Ø4 - L29mm - brass - Sn1mm - 5..24VDC - cable 2m



Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS1
Sensor design	Cylindrical Ø 4 mm plain
Size	29 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.04 in (1 mm)
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	5...24 V DC
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

## Complementary

Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...0.03 in (0...0.8 mm)
Cable composition	3 x 0.11 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED yellow for output state
Supply voltage limits	5..30 V DC
Switching frequency	<= 5000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 5 ms
Delay response	<= 1 ms
Delay recovery	<= 1 ms
Marking	CE
Threaded length	0 in (0 mm)
Height	0.16 in (4 mm)

Length	1.14 in (29 mm)
Product weight	0.06 lb(US) (0.025 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 for 11 ms conforming to IEC 60068-2-27

## Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901401407
Nbr. of units in pkg.	1
Package weight(Lbs)	0.11
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1104 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Available <a href="#">Download End Of Life Manual</a>

## Contractual warranty

Period	18 months
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