


[Download your XS118BLNAL2 datasheet](#)

[Characteristics](#) | [Documents & Downloads](#)

Main

☐ Hide

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS1
Sensor design	Cylindrical M18
Size	52 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	5 mm
Discrete output function	1 NO
Discrete output type	NPN
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

☐ Hide

ISO thread	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Metal
Front material	PPS
Differential travel	1...15% of Sr
Output circuit type	DC
Cable composition	3 x 0.34 mm ²
Wire insulation material	PVC
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
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	<= 2 ms

Marking	CE
Threaded length	49 mm
Height	18 mm
Length	52 mm
Product weight	0.105 kg



Environment

 Hide

Product certifications	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 for 11 ms conforming to IEC 60068-2-27

Offer Sustainability

 Hide

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity
Product environmental profile	Available  download Product environmental
Product end of life instructions	Available  download End of life manual

Contractual warranty

 Hide

Period	18 months
--------	-----------