Product data sheet Characteristics

XSAN01122EX

inductive sensor Namur - M8 - Sn1.5mm - 7..12VDC - cable 2m



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Range of product	OsiSense XS ATEX D
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Inductive proximity sensor ATEX dust
Sensor name	XSA
Sensor design	Cylindrical M8
Size	26.5 mm
Body type	Fixed
Detector flush mounting acceptance	
Material	Flush mountable Stainless steel
Enclosure material	Stainless steel
[Sn] nominal sensing distance	1.5 mm
Type of output signal	
Wiring technique	2-wire
Discrete output function	
Output circuit type	1 NC DC
Discrete output type	Namur
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	712 V DC
Switching capacity in mA	
IP degree of protection	<= 1 mA IP67 conforming to IEC 60529

Complementary

Thread type	M8 x 1	<u>.</u> *
Detection face	Frontal	
Front material	PPS	t t
Operating zone	00.8 mm	
Cable composition	2 x 0.11 mm²	,
Wire insulation material	PvR	
Residual current	<= 3 mA open state	
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Switching frequency	<= 1.5 kHz
Marking	II1 D-Ex ia IIIC T85°C Da IP66/67
Threaded length	26.5 mm
Height	8 mm
Length	26.5 mm

### Environment

Standards	EN/IEC 60079-0 EN/IEC 60079-11
Directives	94/9/EC - ATEX directive
Product certifications	INERIS 04ATEX0016X
Ambient air temperature for operation	-2060 °C
Dust zone	Zone 20

## Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant
	Will not be compliant

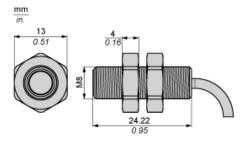
### Contractual warranty

Warranty period	18 months		
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# Product data sheet Dimensions Drawings

# XSAN01122EX

### **Dimensions**

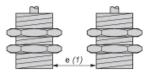


# Product data sheet Mounting and Clearance

## XSAN01122EX

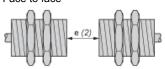
## Minimum Mounting Distances

#### Side by side

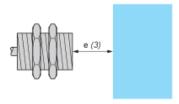


e (1) ≥ 3 mm/0.12 in.

Face to face



e (2) ≥ 18 mm/0.71 in. Facing a metal object



e (3) ≥ 4.5 mm/0.18 in.

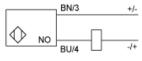
## Product data sheet Connections and Schema

# XSAN01122EX

## Wiring Schemes

### 2-Wire Non-polarised

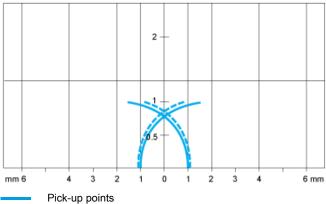
NO output



BU: Blue Brown

#### Performance Curves

### Standard Steel Target (mm): 5x5x1



Drop-out points (object approaching from the side)

Sensing distance in mm (y)