## Product data sheet Characteristics

## **XSPN15122EX**

inductive sensor Namur - M30 - Sn15mm - 7..12VDC - cable 2m



#### Main

Range of product	OsiSense XS ATEX D
Series name	Application
Sensor type	Inductive proximity sensor
Device application	ATEX dust
Sensor name	XSP
Sensor design	Cylindrical M30
Size	43.5 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	Plastic
[Sn] nominal sensing distance	0.59 in (15 mm)
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	Namur
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	712 V DC
Switching capacity in mA	<= 1 mA
IP degree of protection	IP67 IEC 60529

#### Complementary

Complementary	
Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Sensing range	> 0.310.59 in (> 815 mm)
Operating zone	0.000.47 in (012 mm)
Cable composition	2 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state 1 LED red)
Maximum residual current	3 mA open state
Switching frequency	<= 200 Hz
Marking	II1 D-Ex ia IIIC T85°C Da IP66/67
Threaded length	1.34 in (34 mm)
Height	1.18 in (30 mm)
Length	1.71 in (43.5 mm)

### Environment

Environmental characteristic	Hazardous location
Standards	EN/IEC 60079-0 EN/IEC 60079-11
Directives	94/9/EC - ATEX directive
Product certifications	INERIS 04ATEX0016X
Ambient air temperature for operation	-4140 °F (-2060 °C)
Dust zone	Zone 20

## Ordering and shipping details

\$2
3389110955712
34 lb(US) (0.15 kg)
0
२
(

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.31 in (13.5 cm)
Package 1 width	1.77 in (4.5 cm)
Package 1 Length	3.35 in (8.5 cm)

## Offer Sustainability

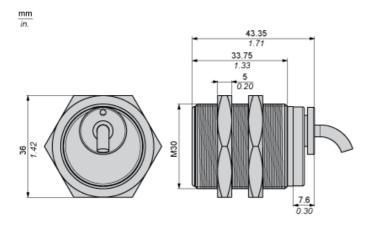
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
EU KURS DIJECTIVE	Not applicable, out of EU Rons legal scope

### Contractual warranty

Warranty	18 months
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# **XSPN15122EX**

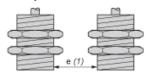
#### **Dimensions**



# **XSPN15122EX**

### Minimum Mounting Distances

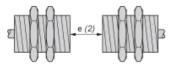
#### Side by side



e (1) 20 mm/0.79 in

2

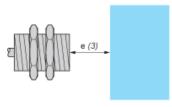
Face to face



e (2) 120 mm/4.72 in

≥

Facing a metal object



e (3) 30 mm/1.18 in.

≥

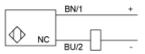
## Product data sheet Connections and Schema

# **XSPN15122EX**

### Wiring Schemes

#### 2-wire DC Polarised

NC Output

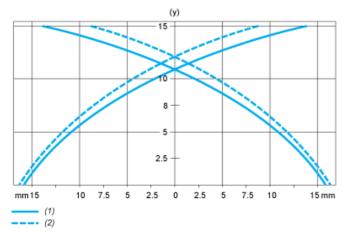


BN: Brown BU: Blue

# **XSPN15122EX**

#### **Performance Curves**

Standard Steel Target: 45x45x1 mm



- (1) Pick-up points
- (2) Drop-out points (object approaching from the side)(y) Sensing distance in mm