

Product data sheet

Characteristics

XSAN01122EX

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

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

Price* : 57.96 USD



Main

Range of product	OsiSense XS ATEX D
Series name	Application
Sensor type	Inductive proximity sensor
Device application	ATEX dust
Sensor name	XSA
Sensor design	Cylindrical M8
Size	26.5 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Enclosure material	Stainless steel
[Sn] nominal sensing distance	0.06 in (1.5 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	7...12 V DC
Switching capacity in mA	<= 1 mA
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS
Operating zone	0...0.03 in (0...0.8 mm)
Cable composition	2 x 0.11 mm ²
Wire insulation material	PvR

Residual current	<= 3 mA open state
Switching frequency	<= 1.5 kHz
Marking	II1 D-Ex ia IIIC T85°C Da IP66/67
Threaded length	1.04 in (26.5 mm)
Height	0.31 in (8 mm)
Length	1.04 in (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	-4...140 °F (-20...60 °C)
Dust zone	Zone 20

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	003389110955484
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14000000000000001
Returnability	N
Country of origin	FR

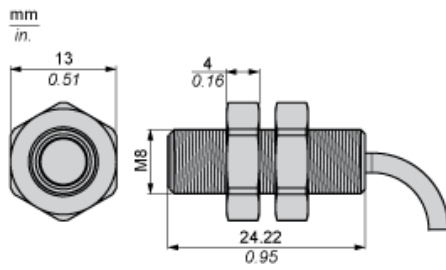
Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months 18 months
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Dimensions



Minimum Mounting Distances

Side by side



$e (1) \geq 3 \text{ mm}/0.12 \text{ in.}$

Face to face



$e (2) \geq 18 \text{ mm}/0.71 \text{ in.}$

Facing a metal object

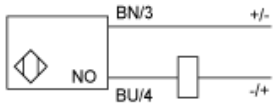


$e (3) \geq 4.5 \text{ mm}/0.18 \text{ in.}$

Wiring Schemes

2-Wire Non-polarised

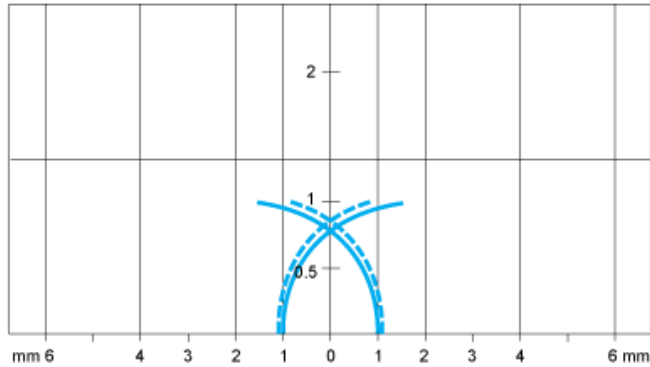
NO output



BU : Blue
BN : Brown

Performance Curves

Standard Steel Target (mm) : 5x5x1



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