Product data sheet
Characteristics

XSAN01122EX
inductive sensor Namur - M8 - Sn1.5mm - 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	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	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	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...0.8 mm
Cable composition	2 x 0.11 mm²
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	26.5 mm
Height	8 mm
Length	26.5 mm

Environment

Standards	EN/IEC 60079-11 EN/IEC 60079-0
Directives	94/9/EC - ATEX directive
Product certifications	INERIS 04ATEX0016X
Ambient air temperature for operation	-20...60 °C
Dust zone	Zone 20

Offer Sustainability

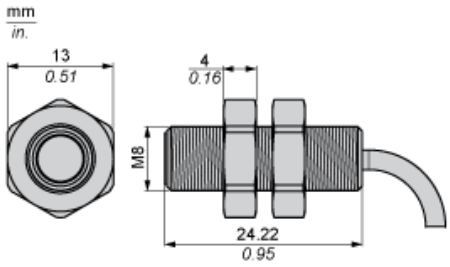
RoHS (date code: YYWW)	Will not be compliant Will not be compliant

Contractual warranty

Warranty period	18 months

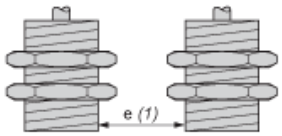
XSAN01122EX

Dimensions



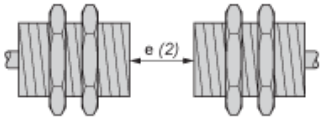
Minimum Mounting Distances

Side by side



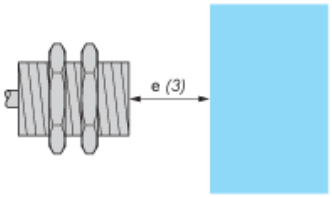
e (1) ≥ 3 mm/0.12 in.

Face to face



e (2) ≥ 18 mm/0.71 in.

Facing a metal object

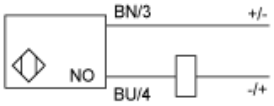


e (3) ≥ 4.5 mm/0.18 in.

Wiring Schemes

2-Wire Non-polarised

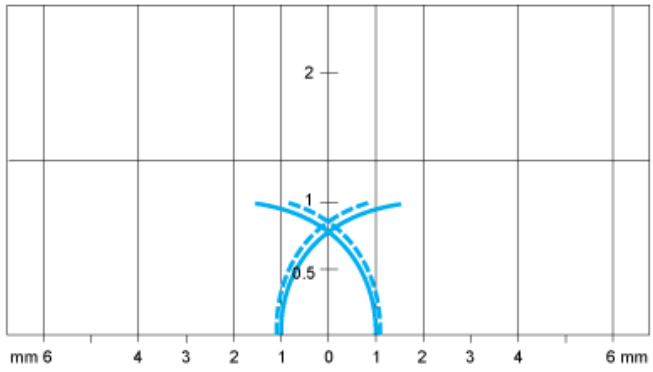
NO output



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