

XSPN01122EX

inductive sensor XSP M8 - L26.5mm - plastic - 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	XSP
Sensor design	Cylindrical M8
Size	26.5 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	Plastic
[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...1.2 mm
Cable composition	2 x 0.11 mm ²
Wire insulation material	PvR
Residual current	>= 3 mA open state
Switching frequency	<= 1000 Hz
Marking	II1 D-Ex ia IIIC T85°C Da IP66/67
Threaded length	24.5 mm
Height	8 mm
Length	26.5 mm

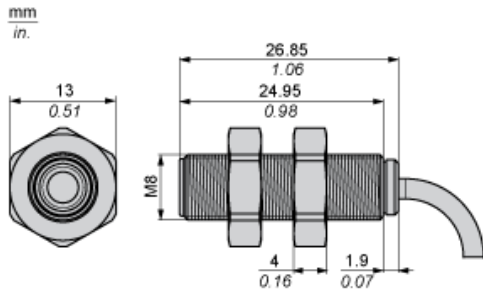
Environment

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

Offer Sustainability

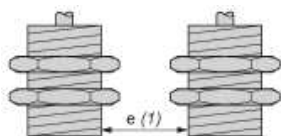
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be Compliant

Dimensions



Minimum Mounting Distances

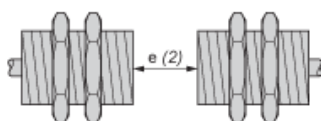
Side by side



e (1) 3 mm/0.12 in.

≥

Face to face



e (2) 18 mm/0.71 in.

≥

Facing a metal object



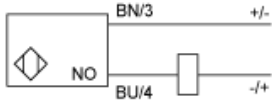
e (3) 4.5 mm/0.18 in.

≥

Wiring Schemes

2-Wire Non-polarised

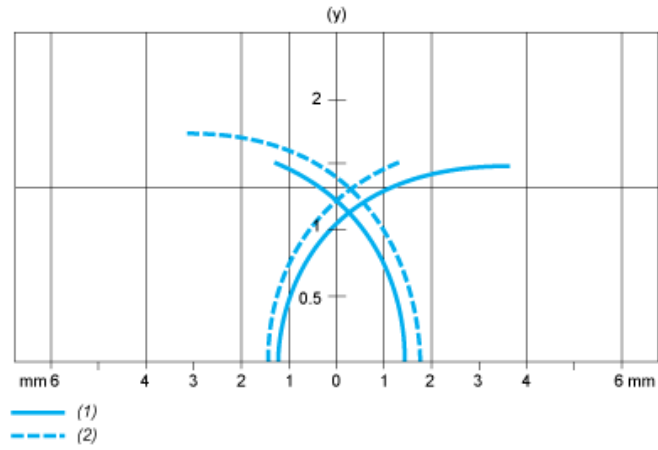
NO output



BU : Blue
BN : Brown

Performance Curves

Standard Steel Target : 8x8x1 mm



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