



Main

Range of product	OsiSense XS ATEX D
Series name	Application
Sensor type	Inductive proximity sensor
Device application	ATEX dust
Sensor name	XSD
Sensor design	Form 80 x 80 x 40
Size	40 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	Plastic
[Sn] nominal sensing distance	40 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	Screw-clamp terminals
[Us] rated supply voltage	7...12 V DC
Switching capacity in mA	<= 1 mA
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	Plastic
Operating zone	0...32 mm
Status LED	1 LED red (output state)
Residual current	<= 3 mA open state
Switching frequency	<= 25 Hz
Marking	II1 D-Ex ia IIIC T85°C Da IP66/67
Depth	40 mm
Height	100 mm
Width	80 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	-20...60 °C
Dust zone	Zone 20

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This information is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental
Product end of life instructions	Need no specific recycling operations End of life manual

Contractual warranty

Warranty period	18 months 18 months
-----------------	---------------------