

XSDN401229EX

Inductive proximity sensors XS ATEX D,
inductive sensor Namur, 80x80x40, plastic,
Sn40mm, 7...12 VDC, terminals



Main

Range of product	Telemecanique Inductive proximity sensors XS
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
Sensing range	> 15...40 mm
Operating zone	0...32 mm
Status LED	Output state: 1 LED (red)
Maximum 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

Environmental characteristic	Hazardous location
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	530 g
Package 1 Height	15 cm
Package 1 width	5.5 cm
Package 1 Length	9 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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