

XSAV12373EX

inductive sensor XSAV - M30 - Sn10mm -
120..3000c/mn - 12..48VDC - cable 2m

Main

Range of product	OsiSense XS ATEX D
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	Rotation monitoring ATEX dust
Sensor name	XSA
Sensor design	Cylindrical M30
Size	81 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Enclosure material	Nickel plated brass
[Sd] sensing range	> 8...15 mm
[Sn] nominal sensing distance	10 mm
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M30 x 1.5
Detection face	Frontal
Adjustable frequency range	120...3000 cyc/mn
Operating zone	0...8 mm
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED red (output state)
Supply voltage limits	10...58 V DC
Switching frequency	<= 800 Hz
Voltage drop	<= 1.8 V, closed state contact(s)
Current consumption	0...15 mA, no-load
Run up delay at power up	9 s standard
Marking	II2 D-Ex tD A21 IP67 T90°C
Threaded length	57 mm
Length	81 mm

Environment

Standards	Directive ATEX 94/9/EC EN 50014 EN 50281-1-1 IEC 61241-0 IEC 61241-1
Product certifications	CCC INERIS 04ATEX0022X
Ambient air temperature for operation	-20...60 °C
Dust zone	Zone 21 - 22