

XS506B1PBM8

inductive sensor XS5 Ø6.5 - L42mm - stainless
- Sn1.5mm - 12..24VDC - M8



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS5
Sensor design	Cylindrical Ø 6.5 mm plain
Size	42 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	1.5 mm
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Male connector M8 3 pins
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary



Detection face	Frontal
Front material	PPS
Enclosure material	Stainless steel 303
Operating zone	0...1.2 mm
Differential travel	1...15% of Sr
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 5000 Hz
Voltage drop	<= 2 V, closed state
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.1 ms
Delay recovery	<= 0.1 ms
Marking	CE
Length	33 mm
CAD overall height	6.5 mm
CAD overall depth	33 mm
Product weight	0.025 kg

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Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn, amplitude: +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1004 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  Download Product Environmental
Product end of life instructions	Available  Download End Of Life Manual

Contractual warranty

Period	18 months
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