Product data sheet Characteristics

XS1M30MB250

inductive sensor XS1 M30 - L60mm - brass - Sn10mm - 24..240VAC/DC - cable 2m





Main

Range of product	OsiSense XS	
Series name	General purpose	
Sensor type	Inductive proximity sensor	
Wiring configuration	2-wire	
Output circuit type	AC/DC	
Protection type	Short-circuit protection	-
Device application	2-wire DC short-circuit protection	
Sensor name	XS1	
Sensor design	Cylindrical M30	
Size	60 mm	
Body type	Fixed	
Detector flush mounting acceptance	Flush mountable	-
Material	Metal	
Type of output signal	Discrete	
Wiring technique	2-wire	
[Sn] nominal sensing distance	10 mm	
Discrete output function	1 NC	
Electrical connection	Cable	
Cable length	2 m	
[Us] rated supply voltage	24240 V AC 50/60 Hz 24210 V DC	
Switching capacity in mA	5200 mA DC with overload and short-circuit protection 5300 mA AC with overload and short-circuit protection	
IP degree of protection	IP68 double insulation conforming to IEC 60529	

Complementary

Thread type	M30 x 1.5	—E.⊥
Detection face	Frontal	isclair

Operating zone 08 mm Differential travel 115% of Sr Cable composition 2 x 0.34 mm² Wire insulation material PvR Status LED 1 LED green for supply on 1 LED yellow for output state Supply voltage limits 20264 V AC/DC Residual current <= 1.5 mA for open state Switching frequency <= 2000 Hz DC <= 25 Hz AC <= 25 Hz AC Voltage drop <= 5.5 V at closed state state Delay first up <= 70 ms Delay response <= 2 ms Delay recovery <= 5 ms Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Front material	PPS
Differential travel 115% of Sr Cable composition 2 x 0.34 mm² Wire insulation material PvR Status LED 1 LED green for supply on 1 LED yellow for output state Supply voltage limits 20264 V AC/DC Residual current <= 1.5 mA for open state	Enclosure material	Nickel plated brass
Cable composition 2 x 0.34 mm² Wire insulation material PvR Status LED 1 LED green for supply on 1 LED yellow for output state Supply voltage limits 20264 V AC/DC Residual current <= 1.5 mA for open state Switching frequency <= 2000 Hz DC <= 25 Hz AC Voltage drop <= 5.5 V at closed state state Delay first up <= 70 ms Delay response <= 2 ms Delay recovery <= 5 ms Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Operating zone	08 mm
Wire insulation material Status LED 1 LED green for supply on 1 LED yellow for output state Supply voltage limits 20264 V AC/DC Residual current <= 1.5 mA for open state Switching frequency <= 2000 Hz DC <= 25 Hz AC Voltage drop <= 5.5 V at closed state state Delay first up C= 70 ms Delay response <= 2 ms Delay recovery <= 5 ms Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Differential travel	115% of Sr
Status LED 1 LED green for supply on 1 LED yellow for output state Supply voltage limits 20264 V AC/DC Residual current <= 1.5 mA for open state Switching frequency <= 2000 Hz DC <= 25 Hz AC Voltage drop <= 5.5 V at closed state state Delay first up C= 70 ms Delay response <= 2 ms Delay recovery <= 5 ms Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Cable composition	2 x 0.34 mm ²
1 LED yellow for output state Supply voltage limits 20264 V AC/DC Residual current <= 1.5 mA for open state Switching frequency <= 2000 Hz DC <= 25 Hz AC Voltage drop <= 5.5 V at closed state state Delay first up <= 70 ms Delay response <= 2 ms Delay recovery <= 5 ms Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Wire insulation material	PvR
Residual current <= 1.5 mA for open state Switching frequency <= 2000 Hz DC <= 25 Hz AC Voltage drop <= 5.5 V at closed state state Delay first up <= 70 ms Delay response <= 2 ms Delay recovery <= 5 ms Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Status LED	
Switching frequency <= 2000 Hz DC <= 25 Hz AC Voltage drop <= 5.5 V at closed state state Delay first up <= 70 ms Delay response <= 2 ms Delay recovery <= 5 ms Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Supply voltage limits	20264 V AC/DC
<= 25 Hz AC	Residual current	<= 1.5 mA for open state
Delay first up <= 70 ms	Switching frequency	
Delay response <= 2 ms	Voltage drop	<= 5.5 V at closed state state
Delay recovery <= 5 ms	Delay first up	<= 70 ms
Marking CE Threaded length 51 mm Height 30 mm Length 60 mm	Delay response	<= 2 ms
Threaded length 51 mm Height 30 mm Length 60 mm	Delay recovery	<= 5 ms
Height 30 mm Length 60 mm	Marking	CE
Length 60 mm	Threaded length	51 mm
	Height	30 mm
Product weight 0.205 kg	Length	60 mm
	Product weight	0.205 kg

Environment

Product certifications	CSA UL CCC	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-4085 °C	
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6	
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-7	

Offer Sustainability

Sustainable offer status	Green Premium product	
RoHS (date code: YYWW)	Compliant - since 0811 - Schneider Electric declaration of conformity	
	Schneider Electric declaration of conformity	
REACh	Reference not containing SVHC above the threshold	
	Reference not containing SVHC above the threshold	
Product environmental profile	Available	
	End of Life Information	
Product end of life instructions	Available	

Contractual warranty

Warranty period	18 months	