

XS230BLPAM12

inductive sensor XS2 M30 - L63.4mm - brass - Sn15mm - 12..24VDC - M12



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS2
Sensor design	Cylindrical M30
Size	63.4 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 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
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Front material	PPS
Differential travel	1...15% of Sr
Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 60 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 2 ms
Delay recovery	<= 6 ms
Marking	CE
Threaded length	35.5 mm
Length	63.4 mm
Product weight	0.085 kg

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C

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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 for 11 ms conforming to IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0903 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available