Product data sheet
Characteristics

XS1M30PAW01D
inductive sensor XS1 M30 - L60mm - brass - Sn10mm - 12..24VDC - M12

Green Premium™ Product

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	Welding machine
Sensor name	XS1
Sensor design	Cylindrical M30
Size	60 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.39 in (10 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	<= 250 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	Flush mountable
Material	Metal
Front material	Teflon
Operating zone	0...0.31 in (0...8 mm)
Differential travel	1...20% of Sr
Repeat accuracy	3% of Sr
Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 250 Hz
Voltage drop	<= 2.5 V at closed state
Current consumption	<= 15 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.7 ms
Delay recovery	<= 5 ms
Marking	CE
Threaded length	1.57 in (40 mm)
Height	1.18 in (30 mm)

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Length	2.36 in (60 mm)
Product weight	0.32 lb(US) (0.145 kg)

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-13...158 °F (-25...70 °C)

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901078920
Nbr. of units in pkg.	1
Package weight(Lbs)	0.49
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	DE

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0604 - 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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Authorized Distributor

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