

XS1M18AB120

inductive sensor XS1 M18 - L53mm - brass -
Sn5mm - 12..24VDC - cable 2m



Price*: 208.26 USD

Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS1
Sensor design	Cylindrical M18
Size	53 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Analogue
Wiring technique	2-wire
[Sn] nominal sensing distance	0.2 in (5 mm)
Discrete output function	1 NC
Output circuit type	DC
Analogue output range	4...20 mA
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	12...24 V DC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0.02...0.2 in (0.5...5 mm)
Repeat accuracy	<= 3% of Sr
Linearity error	+/- 2 mA
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Supply voltage limits	10...38 V DC
Switching frequency	<= 500 Hz
Current consumption	4 mA at no-load
Output current drift	<= 10 %
Marking	CE

Threaded length	1.73 in (44 mm)
Length	2.09 in (53 mm)
CAD overall height	0.71 in (18 mm)
CAD overall depth	2.09 in (53 mm)
Product weight	0.26 lb(US) (0.12 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	00785901721628
Nbr. of units in pkg.	1
Package weight(Lbs)	0.28
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0811 - 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