XS618B1NAL2

inductive sensor XS6 M18 - L62mm - brass - Sn8mm - 12..48VDC - cable 2m





Main

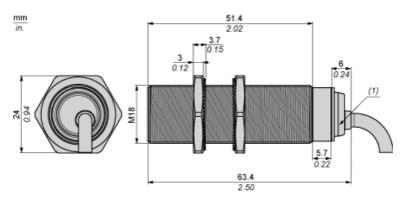
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	Mobile equipment
Sensor name	XS6
Sensor design	Cylindrical M18
Size	62 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.31 in (8 mm)
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	1248 V DC reverse polarity protection
Switching capacity in mA	<= 200 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation IEC 60529 IP69K DIN 40050

Complementary

Complementary	
Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel Plated Brass
Sensing range	> 0.160.31 in (> 48 mm)
Operating zone	0.000.25 in (06.4 mm)
Differential travel	115% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply voltage limits	1058 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.7 ms
Marking	CE
Threaded length	2.05 in (52 mm)

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Length	2.44 in (62 mm)
Net Weight	0.26 lb(US) (0.12 kg)
Environment	
Product certifications	E2
	CSA UL
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40185 °F (-4085 °C)
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
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Ordering and shipping details	2040C CENCODO DDOVINITY
Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901997948
Nbr. of units in pkg.	1
Package weight(Lbs)	0.28 lb(US) (0.13 kg)
Returnability Country of origin	Yes ID
Packing Units Package 1 Height	0.450 dm
Package 1 width	0.980 dm
Package 1 Length	1.350 dm
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Offer Sustainability	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EEU RoHS Declaration
Mercury free	Yes
RoHS exemption information	₽¥Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
Section 1 of the section 1	
Contractual warranty Warranty	18 months

Dimensions

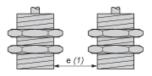


(1) LED

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Minimum Mounting Distances

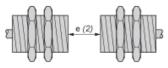
Side by side



e (1) 16 mm/0.63 in.

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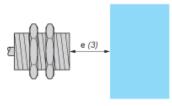
Face to face



e (2) 100 mm/3.94 in.

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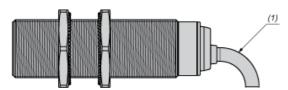
Facing a metal object



e (3) 25 mm/0.98 in

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Mounting

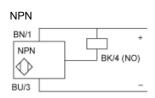


(1) Bending cable: 4 x external cable diameter

Product data sheet Connections and Schema

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Wiring Schemes



BU : Blue BN : Brown BK : Black