



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 M30
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	0.59 in (15 mm)
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	12..48 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

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel Plated Brass
Sensing range	> 0.31...0.59 in (> 8...15 mm)
Operating zone	0.00...0.47 in (0...12 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply voltage limits	10...58 V DC
Switching frequency	<= 500 Hz
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.6 ms
Maximum delay recovery	1.4 ms
Marking	CE
Threaded length	2.05 in (52 mm)

Length	2.44 in (62 mm)
Net Weight	0.46 lb(US) (0.21 kg)

Environment

Product certifications	E2 UL CSA
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	25 gn +/- 2 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901521204
Nbr. of units in pkg.	1
Package weight(Lbs)	0.47 lb(US) (0.21 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Package 1 Height	0.420 dm
Package 1 width	0.970 dm
Package 1 Length	1.320 dm

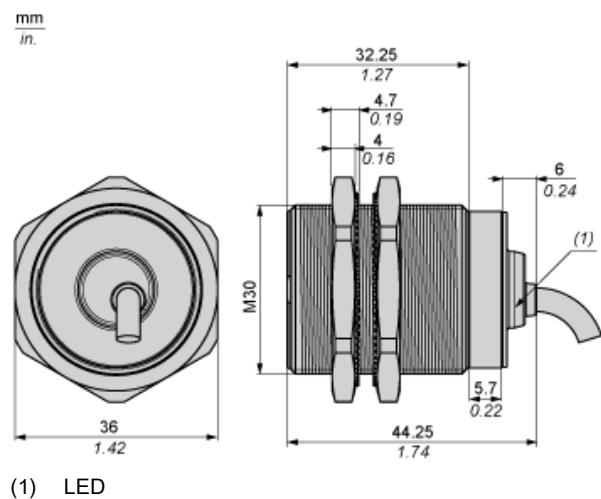
Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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	<input checked="" type="checkbox"/> REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile
Circularity Profile	<input checked="" type="checkbox"/> End Of Life Information

Contractual warranty

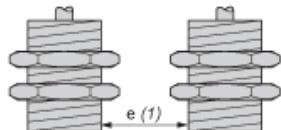
Warranty	18 months
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Dimensions



Minimum Mounting Distances

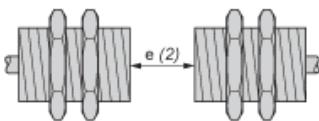
Side by side



e (1) 30 mm/1.18 in.

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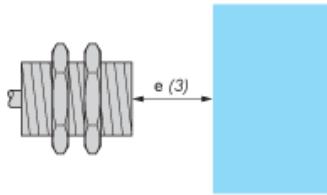
Face to face



e (2) 180 mm/7.09 in.

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Facing a metal object

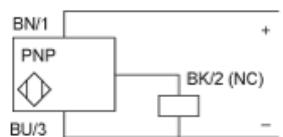


e (3) 45 mm/1.77 in.

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Wiring Schemes

PNP



BU : Blue
BN : Brown
BK : Black