



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS6
Sensor design	Cylindrical M30
Size	74 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.87 in (22 mm)
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Male connector 1/2"20 UNF 3 pins
[Us] rated supply voltage	24...240 V AC/DC (50/60 Hz)
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

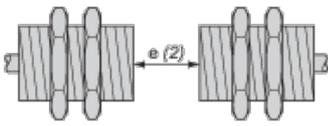
Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...0.69 in (0...17.6 mm)
Differential travel	1...15% of Sr
Status LED	1 LED (yellow) output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.8 mA, open state
Switching frequency	<= 25 Hz AC <= 300 Hz DC
Voltage drop	<= 5.5 V, closed state
Delay first up	<= 30 ms
Delay response	<= 0.5 ms
Delay recovery	<= 2 ms
Marking	CE
Threaded length	1.61 in (41 mm)
Length	2.91 in (74 mm)
Product weight	0.36 lb(US) (0.165 kg)

Environment

product certifications	CSA UL
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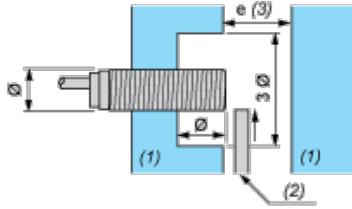
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e (2) 264 mm/10.39 in.

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Facing a metal object



e (3) 66 mm/2.60 in.

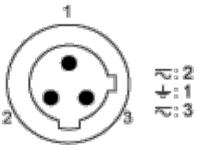
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(4) Metal

(5) Object to be detected

Wiring Schemes

1/2"-20UNF
1/2"-20UNF



1 : Grounding

2 : AC

3 : AC

NC output

