## XS630B1MAU20

inductive sensor XS6 M30 - L73mm - brass -Sn15mm - 24..240VAC/DC - 1/2"





#### 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	73 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Male connector 1/2"20 UNF 3 pins
[Us] rated supply voltage	24240 V AC/DC (50/60 Hz)
Switching capacity in mA	5200 mA DC 5300 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	012 mm
Differential travel	115% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	20264 V AC/DC
Residual current	<= 0.8 mA, open state
Switching frequency	<= 25 Hz AC <= 500 Hz DC
Voltage drop	<= 5.5 V, closed state
Delay first up	<= 25 ms
Delay response	<= 0.5 ms
Delay recovery	<= 2 ms
Marking	CE
Threaded length	52 mm
Length	73 mm
Product weight	0.165 kg

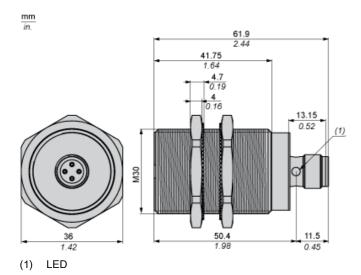
#### **Environment**

Product certifications	CSA UL
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn, amplitude: +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0812 - 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

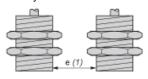
#### **Dimensions**



# XS630B1MAU20

#### **Minimum Mounting Distances**

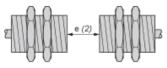
#### Side by side



e (1) 30 mm/1.18 in.

2

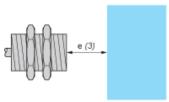
Face to face



e (2) 180 mm/7.09 in.

≥

Facing a metal object



e (3) 45 mm/1.77 in.

≥

## Product data sheet Connections and Schema

# XS630B1MAU20

### Wiring Schemes

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



1: Grounding 2: AC

3: AC

NO output

