

XS530BSDAM12

inductive sensor XS5 M30 - L55mm - brass -
Sn10mm - 12..24VDC - M12



Main

| | |
|------------------------------------|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS5 |
| Sensor design | Cylindrical M30 |
| Size | 55 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 | 10 mm |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Electrical connection | Male connector M12 4 pins, pin assignment : 3-4 |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | 1.5...100 mA DC with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 IP69K conforming to DIN 40050 |

Buy online

Complementary

| | |
|-----------------------|---------------------------------|
| Thread type | M30 x 1.5 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...8 mm |
| Differential travel | 1...15% of Sr |
| Status LED | 1 LED (yellow) for output state |
| Supply voltage limits | 10...36 V DC |
| Residual current | <= 0.5 mA, open state |
| Switching frequency | <= 2000 Hz |
| Voltage drop | <= 4 V, closed state |
| Delay first up | <= 10 ms |
| Delay response | <= 0.3 ms |
| Delay recovery | <= 0.3 ms |
| Marking | CE |
| Threaded length | 32 mm |
| Height | 30 mm |
| Length | 55 mm |
| Product weight | 0.13 kg |

Environment

| | |
|---------------------------------------|---|
| Product certifications | CSA UL |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |
| Vibration resistance | 25 gn, amplitude: +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn (duration = 11 ms) conforming to IEC 60068-2-27 |

Offer Sustainability

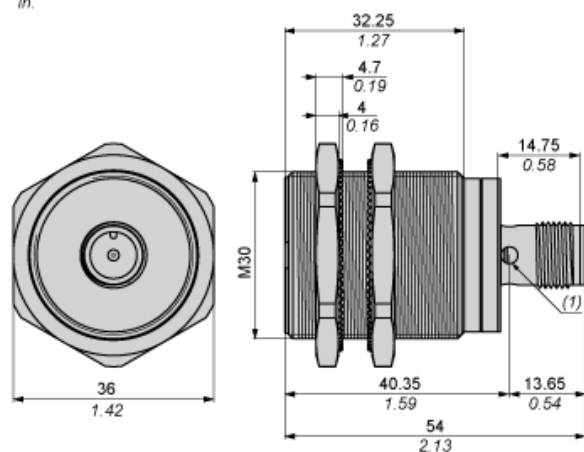
| | |
|----------------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1004 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product Environmental |
| Product end of life instructions | Available End Of Life Manual |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions

$\frac{\text{mm}}{\text{in.}}$



(1) LED

Minimum Mounting Distances

Side by side



e (1) 20 mm/0.79 in

≥

Face to face



e (2) 120 mm/4.72 in

≥

Facing a metal object



e (3) 30 mm/1.18 in.

≥

Wiring Schemes

2-Wire Non-polarised

M12 connector

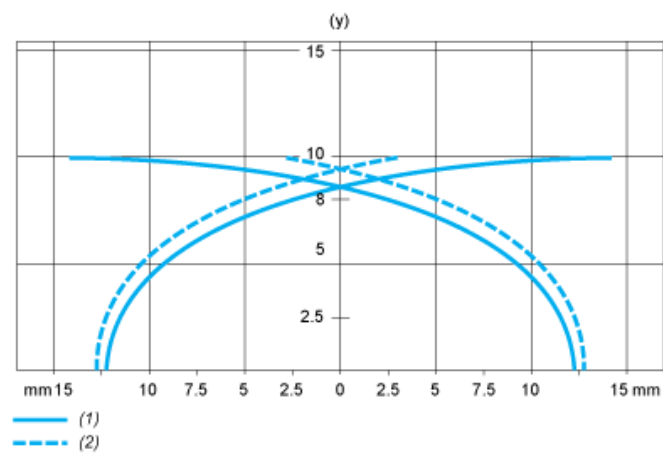


NO output



Performance Curves

Standard Steel Target : 30x30x1 mm



- (1) Pick-up points
(2) Drop-out points (object approaching from the side)
(y) Sensing distance in mm