

Main

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| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS6 |
| Sensor design | Cylindrical M30 |
| Size | 62 mm |
| Body type | Fixed |
| Flush mountability | Flush mountable |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring techniques | 2-wire |
| Sd sensing range | > 8...15 mm |
| [Sn] nominal sensing distance | 15 mm |
| Discrete output function | 1 NC |
| Output circuit type | DC |
| Electrical connection | Male connector M12 4 pins |
| Us rated supply voltage | 12..48 V DC with reverse polarity protection |
| Switching capacity in mA | <= 100 mA DC with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 IP69 K conforming to DIN 40050 |

Complementary

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|-----------------------|---------------------------------|
| ISO thread | M30 x 1.5 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...12 mm |
| Differential travel | 1...15% of Sr |
| Status LED | 1 LED (yellow) for output state |
| Supply voltage limits | 10 - 58 V DC |
| Switching frequency | <= 500 Hz DC |
| 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 | 52 mm |
| Length | 74 mm |
| CAD overall height | 30 mm |
| CAD overall depth | 74 mm |
| Product weight | 0.145 kg |

Environment

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|------------------------------|---|
| Product certifications | CSA UL |
| Ambient air temp for op | -25...70 °C |
| Ambient air temp 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 |

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