

xs218aapam12

inductive sensor XS2 M18 - L70mm - PPS - Sn12mm
- 12..48VDC - M12



Main

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| Range of product | OsiSense XS |
| Series name | Application |
| Sensor type | Inductive proximity sensor |
| Product specific application | Food and beverage |
| Sensor name | XS2 |
| Sensor design | Cylindrical M18 |
| Size | 70 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 12 mm |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | 4 pins M12 male connector |
| [Us] rated supply voltage | 12...48 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA with overload and short-circuit protection |
| IP degree of protection | IP69 K conforming to DIN 40050 IP67 conforming to IEC 60529 |

Complementary

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|-----------------------|-------------------------------|
| ISO thread | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | PPS |
| Operating zone | 0...9.6 mm |
| Differential travel | 1...15% of Sr |
| Status LED | 1 LED yellow for output state |
| Supply voltage limits | 10...58 V DC |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 2 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | <= 10 ms |
| Delay response | <= 0.3 ms |
| Delay recovery | <= 0.7 ms |
| Marking | CE |
| Threaded length | 52 mm |
| Length | 70 mm |
| Product weight | 0.04 kg |

Environment

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| Product certifications | CCC |
|------------------------|-----|

CSA
UL

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|---------------------------------------|---|
| Ambient air temperature for operation | -25...85 °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 for 11 ms conforming to IEC 60068-2-27 |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0821 - Schneider Electric declaration of conformity |
| Product environmental profile | Available |
| Product end of life instructions | Available |