



Main

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|------------------------------------|------------------------------|
| Range of product | OsiSense XS ATEX D |
| Series name | Application |
| Sensor type | Inductive proximity sensor |
| Device application | ATEX dust |
| Sensor name | XSD |
| Sensor design | Form 80 x 80 x 40 |
| Size | 40 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Enclosure material | Plastic |
| [Sn] nominal sensing distance | 40 mm |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| Discrete output function | 1 NC |
| Output circuit type | DC |
| Discrete output type | Namur |
| Electrical connection | Screw-clamp terminals |
| [Us] rated supply voltage | 7...12 V DC |
| Switching capacity in mA | <= 1 mA |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

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|--------------------------|---------------------------|
| Detection face | Frontal |
| Front material | Plastic |
| Sensing range | > 15...40 mm |
| Operating zone | 0...32 mm |
| Status LED | Output state: 1 LED (red) |
| Maximum residual current | 3 mA open state |
| Switching frequency | <= 25 Hz |

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| Marking | II1 D-Ex ia IIIC T85°C Da IP66/67 |
| Depth | 40 mm |
| Height | 100 mm |
| Width | 80 mm |

Environment

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|---------------------------------------|-----------------------------------|
| Standards | EN/IEC 60079-11 EN/IEC 60079-0 |
| Directives | 94/9/EC - ATEX directive |
| Product certifications | INERIS 04ATEX0016X |
| Ambient air temperature for operation | -20...60 °C |
| Dust zone | Zone 20 |

Offer Sustainability

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|--------------------------|---|
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations End of Life Information |

Contractual warranty

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| Warranty | 18 months |
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