

XS8E1A1MAL2

inductive sensor XS8 26x26x13 - PBT -
Sn10/15mm - 24..240VAC/DC - cable 2m



Main

| | |
|-------------------------------|--|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS8 |
| Sensor design | Flat form 26 x 26 x 13 |
| Size | 13 mm |
| Body type | Fixed |
| Flush mountability | Non flush mountable |
| Material | Plastic |
| Enclosure material | PBT |
| Type of output signal | Discrete |
| Wiring techniques | 2-wire |
| Sd sensing range | > 8...15 mm |
| [Sn] nominal sensing distance | 10 mm flush mountable 15 mm non flush mountable |
| Discrete output function | 1 NO |
| Output circuit type | AC/DC |
| Electrical connection | Cable |
| Cable length | 2 m |
| Us rated supply voltage | 24...240 V AC/DC 50/60 Hz |
| Switching capacity in mA | 5 - 200 mA AC/DC |
| IP degree of protection | IP68 double insulation conforming to IEC 60529 |

Complementary

| | |
|--------------------------|--|
| Detection face | Frontal |
| Fine adjustment zone | 5 - 10 mm flush mountable 5 - 15 mm non flush mountable |
| Differential travel | 1...15% of Sr |
| Cable composition | 2 x 0.34 mm ² |
| Wire insulation material | PvR |
| Supply voltage limits | 20 - 264 V AC/DC |
| Residual current | <= 1.5 mA for open state |
| Switching frequency | <= 2000 Hz |
| Voltage drop | <= 5.5 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | <= 10 ms |
| Delay response | <= 0.3 ms |
| Delay recovery | <= 0.8 ms |
| Marking | CE |
| Depth | 13 mm |
| Height | 26 mm |
| Width | 26 mm |
| CAD overall height | 40 mm |
| CAD overall depth | 13 mm |
| Product weight | 0.07 kg |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the Schneider Electric group. It is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|------------------------------|---|
| Product certifications | CCC 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 for 11 ms conforming to IEC 60068-2-27 |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XS8E1A1MAL2](#)