# Specifications



**Photo is representative**

## Eaton E57SBL18A2

Eaton E57 Premium+ Series Short Body Tubular Inductive Proximity Sensor Enclosure, 0.71 dia, dist. 5 mm, 2-Wire AC/DC, NC, 250 mA at 40-240Vac/20-250Vdc, 6.6 Ft. (2m) Cable, 40–250 Vac/20–250 Vdc input, Short circuit protected, Shielded

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton E57 inductive proximity sensor |
| **CATALOG NUMBER** | E57SBL18A2 |
| **UPC** | 782113381985 |
| **PRODUCT LENGTH/DEPTH** | 0.71 in |
| **PRODUCT HEIGHT** | 2.54 in |
| **PRODUCT WIDTH** | 0.71 in |
| **PRODUCT WEIGHT** | 0.2938 lb |
| **WARRANTY** | 1 year |
| **COMPLIANCES** | CE Marked |
| **CERTIFICATIONS** | UL Listed<br>CSA Certified |
| **PRODUCT TYPE** | Inductive proximity sensor |

Powering Business Worldwide

## Product specifications

| | |
|---|---|
| **CONTACT RATING** | 250 mA at 40-240Vac/20-250Vdc |
| **ACTUATOR FUNCTION** | Shielded |
| **CABLE TYPE** | Polyvinyl Chloride (PVC) |
| **ACCURACY** | < 3% |
| **ENCLOSURE MATERIAL** | Stainless steel |
| **CONNECTION** | 6.6 ft (2 m) cable |
| **CONTACT CONFIGURATION** | 2-wire AC/DC, NC |
| **SERIES** | E57 |
| **SENSOR TYPE** | Inductive proximity |
| **ENVIRONMENTAL RATING** | IP67, IP69K NEMA 4, NEMA 4X, NEMA 6, NEMA 6P |
| **CORD LENGTH** | 79.2 ft |
| **OPERATING TEMPERATURE - MAX** | 158 °F |
| **OPERATING TEMPERATURE - MIN** | -13 °F |
| **MAXIMUM AC CURRENT** | 250 mA |
| **MAXIMUM DC CURRENT** | 250 mA |
| **INPUT VOLTAGE** | 40-250 Vac, 20-250 Vdc |
| **LED INDICATOR** | Output status: red |
| **PROTECTION** | Short circuit protected |

## Resources

| | |
|---|---|
| CATALOGS | Product Range Catalog Sensors – products, basic information, applications<br>Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3 |
| MULTIMEDIA | We make what matters |
| SPECIFICATIONS AND DATASHEETS | Eaton Specification Sheet - E57SBL18A2 |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

**Eaton Corporation plc** Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.