

# Specifications



## Eaton E57LBL12T110SD

Premium+ Inductive Proximity Sensor, E57, 2 mm range, Straight, 12 mm, Shielded, 360° viewable LED, M12, 500 mA at 6-30 Vdc, 4 pin, <1% sensing range, NC PNP open collector, 6-48 Vdc

### General specifications

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton E57 inductive proximity sensor |
| <b>CATALOG NUMBER</b>       | E57LBL12T110SD                       |
| <b>UPC</b>                  | 782113605098                         |
| <b>PRODUCT LENGTH/DEPTH</b> | 2.71 in                              |
| <b>PRODUCT HEIGHT</b>       | 0.47 in                              |
| <b>PRODUCT WIDTH</b>        | 0.47 in                              |
| <b>PRODUCT WEIGHT</b>       | 0.1 lb                               |
| <b>WARRANTY</b>             | 1 year                               |
| <b>COMPLIANCES</b>          | CE Marked                            |
| <b>CERTIFICATIONS</b>       | UL Listed<br>CSA Certified           |



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## Product specifications

|                                    |   |
|------------------------------------|---|
| <b>TYPE</b>                        | Premium+ Inductive Proximity Sensor                             |
| <b>CONTACT RATING</b>              | 500 mA at 6-30 Vdc  |
| <b>ACTUATOR FUNCTION</b>           | Shielded  |
| <b>ACCURACY</b>                    | < 1% sensing range  |
| <b>ENCLOSURE MATERIAL</b>          | 303 stainless steel   |
| <b>CONNECTION</b>                  | M12   |
| <b>CONTACT CONFIGURATION</b>       | NC PNP open collector   |
| <b>SERIES</b>                      | E57   |
| <b>ENVIRONMENTAL RATING</b>        | NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67, IP69K |
| <b>NUMBER OF PINS</b>              | 4   |
| <b>OPERATING TEMPERATURE - MAX</b> | 158 °F  |
| <b>OPERATING TEMPERATURE - MIN</b> | -13 °F  |
| <b>MAXIMUM DC CURRENT</b>          | 500 mA  |
| <b>INPUT VOLTAGE</b>               | 6-48 Vdc  |
| <b>LED INDICATOR</b>               | 360 ° viewable LED  |
| <b>PROTECTION</b>                  | Auto reset  |

## Resources

|                                      |  |
|--------------------------------------|--|
| <b>CATALOGS</b>                      | <a href="#">Product Range Catalog Sensors – products, basic information, applications</a><br><a href="#">Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3</a> |
| <b>MULTIMEDIA</b>                    | <a href="#">We make what matters</a>   |
| <b>SPECIFICATIONS AND DATASHEETS</b> | <a href="#">Eaton Specification Sheet - E57LBL12T110SD</a>   |

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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