

# Specifications

Photo is representative

## Eaton E57LAL18A2EP

Eaton E57 Premium+ Series Tubular Inductive Proximity Sensor Enclosure, 0.71 dia, dist. 8 mm, 250 mA max AC, 2 - Wire AC, NO, 250 mA at 250Vac, 3 Pin Dual Key Pigtail Micro Connector, 20-250 Vac input, None, Un-shielded, 8 In. (0.2m)

### General specifications

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton E57 inductive proximity sensor |
| <b>CATALOG NUMBER</b>       | E57LAL18A2EP                         |
| <b>UPC</b>                  | 782114009666                         |
| <b>PRODUCT LENGTH/DEPTH</b> | 0.71 in                              |
| <b>PRODUCT HEIGHT</b>       | 2.74 in                              |
| <b>PRODUCT WIDTH</b>        | 0.71 in                              |
| <b>PRODUCT WEIGHT</b>       | 0.1438 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>CONTACT RATING</b>              | 250 mA at 250Vac   |
| <b>ACTUATOR FUNCTION</b>           | Unshielded   |
| <b>CABLE TYPE</b>                  | Polyvinyl Chloride (PVC)                                 |
| <b>ACCURACY</b>                    | < 3%   |
| <b>ENCLOSURE MATERIAL</b>          | Stainless steel  |
| <b>CONNECTION</b>                  | 3-pin dual key pigtail micro connector                   |
| <b>CONTACT CONFIGURATION</b>       | 2-wire AC, NO  |
| <b>SERIES</b>                      | E57  |
| <b>SENSOR TYPE</b>                 | Inductive proximity                                      |
| <b>ENVIRONMENTAL RATING</b>        | NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67 |
| <b>CORD LENGTH</b>                 | 8 in   |
| <b>OPERATING TEMPERATURE - MAX</b> | 158 °F   |
| <b>OPERATING TEMPERATURE - MIN</b> | -13 °F   |
| <b>MAXIMUM AC CURRENT</b>          | 250 mA   |
| <b>INPUT VOLTAGE</b>               | 20-250 Vac   |
| <b>LED INDICATOR</b>               | Output status: red                                       |
| <b>PROTECTION</b>                  | None   |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:

## Resources

[Product Range Catalog Sensors – products, basic information, applications](#)

### CATALOGS

[Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3](#)

### MULTIMEDIA

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### SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - E57LAL18A2EP](#)



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