

# Specifications

## Eaton E52-25QS10-C



Eaton E52 inductive proximity sensor, Straight, Sensor dist.: 10 mm, PBT composition encl., 100 mA max DC, NPN Open Collector, NO, 100 mA at 30 Vdc, 6.6 Ft. (2m) Cable, 10-30 Vdc input, < 1% accuracydist., Shielded, 6.6 Ft. (2m)



### General specifications

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton E52 inductive proximity sensor |
| <b>CATALOG NUMBER</b>       | E52-25QS10-C                         |
| <b>UPC</b>                  | 782114013311                         |
| <b>PRODUCT LENGTH/DEPTH</b> | 1.11 in                              |
| <b>PRODUCT HEIGHT</b>       | 1.97 in                              |
| <b>PRODUCT WIDTH</b>        | 0.98 in                              |
| <b>PRODUCT WEIGHT</b>       | 0.2063 lb                            |
| <b>WARRANTY</b>             | 1 year                               |
| <b>CERTIFICATIONS</b>       | UL Listed                            |
| <b>GLOBAL CATALOG</b>       | E52-25QS10-C                         |



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## Product specifications

|                                    |  |
|------------------------------------|--|
| <b>CONTACT RATING</b>              | 100 mA at 30 Vdc                                       |
| <b>ACTUATOR FUNCTION</b>           | Shielded   |
| <b>CABLE TYPE</b>                  | Polyvinyl Chloride (PVC)                               |
| <b>ACCURACY</b>                    | < 1%   |
| <b>ENCLOSURE MATERIAL</b>          | PBT composition  |
| <b>CONNECTION</b>                  | 6.6 ft (2 m) cable                                     |
| <b>CONTACT CONFIGURATION</b>       | NPN open collector, NO                                 |
| <b>SENSOR TYPE</b>                 | Inductive proximity                                    |
| <b>ENVIRONMENTAL RATING</b>        | NEMA 1, NEMA 2, NEMA 3, NEMA 3S, NEMA 4, NEMA 12, IP66 |
| <b>CORD LENGTH</b>                 | 2 m  |
| <b>OPERATING TEMPERATURE - MAX</b> | 131 °F   |
| <b>OPERATING TEMPERATURE - MIN</b> | 14 °F  |
| <b>MAXIMUM DC CURRENT</b>          | 100 mA   |
| <b>INPUT VOLTAGE</b>               | 10-30 Vdc  |
| <b>LED INDICATOR</b>               | Output status  |
| <b>PROTECTION</b>                  | Short circuit protected                                |

## Resources

|                                      |   |
|--------------------------------------|---|
| <b>CATALOGS</b>                      | <a href="#">Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3</a> |
| <b>SPECIFICATIONS AND DATASHEETS</b> | <a href="#">Eaton Specification Sheet - E52-25QS10-C</a>                        |

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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