

# Specifications

## Eaton 13100AS5055



Photo is representative

Eaton Comet 18mm tubular photoelectric sensor, Forward Viewing, Sensor dist 30 In, 100 mA PNP, 250 mA NPN max DC, NPN/PNP Open Collector, 100 mA PNP, 250 mA NPN at 10-30 Vdc Cable, 10-30 Vdc input, Diffuse Reflective

### General specifications

|                      |                                               |
|----------------------|-----------------------------------------------|
| PRODUCT NAME         | Eaton Comet 18mm tubular photoelectric sensor |
| CATALOG NUMBER       | 13100AS5055                                   |
| UPC                  | 782114008690                                  |
| PRODUCT LENGTH/DEPTH | 0.47 in                                       |
| PRODUCT HEIGHT       | 2.2 in                                        |
| PRODUCT WIDTH        | 0.71 in                                       |
| PRODUCT WEIGHT       | 0.2875 lb                                     |
| WARRANTY             | 3 year                                        |
| COMPLIANCES          | Contact Manufacturer                          |



### Product specifications

CONTACT RATING 100 mA PNP, 250 mA NPN at

### Resources

|                                    |                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------|
|                                    | 10-30 Vdc                                                                       |
| <b>CABLE TYPE</b>                  | Polyvinyl Chloride (PVC)                                                        |
| <b>ENCLOSURE MATERIAL</b>          | Lens: polycarbonate<br>Body: structural polyurethane foam<br>Cable jacket: PVC  |
| <b>OPERATING MODE</b>              | Diffuse reflective                                                              |
| <b>CONNECTION</b>                  | 6.6 ft (2 m) cable                                                              |
| <b>CONTACT CONFIGURATION</b>       | NPN and PNP open collector                                                      |
| <b>SENSOR TYPE</b>                 | Diffuse reflective                                                              |
| <b>SWITCH TYPE</b>                 | Photoelectric                                                                   |
| <b>INPUT VOLTAGE</b>               | 10-30 Vdc                                                                       |
| <b>LED INDICATOR</b>               | Output status: red                                                              |
| <b>PROTECTION</b>                  | Auto reset short circuit                                                        |
| <b>CORD LENGTH</b>                 | 79.2 ft                                                                         |
| <b>MAXIMUM DC CURRENT</b>          | 100 mA PNP, 250 mA NPN                                                          |
| <b>OPERATING TEMPERATURE - MAX</b> | 158 °F                                                                          |
| <b>OPERATING TEMPERATURE - MIN</b> | -40 °F                                                                          |
| <b>ENVIRONMENTAL RATING</b>        | NEMA 1, NEMA 3, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP68, IP69K |

|                                      |                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------|
| <b>CATALOGS</b>                      | <a href="#">Product Range Catalog Sensors – products, basic information, applications</a> |
| <b>SPECIFICATIONS AND DATASHEETS</b> | <a href="#">Eaton Specification Sheet - 13100AS5055</a>                                   |

|                        |
|------------------------|
| <b>PROJECT NAME:</b>   |
| <b>PROJECT NUMBER:</b> |
| <b>PREPARED BY:</b>    |
| <b>DATE:</b>           |

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Reserved.

