

# TRR-C23PA-TMK-603 Cut Sheet



Contrinex photoelectric sensor, rectangular, polarized retroreflective, visible red light emission, 20-4200mm sensing distance, complementary light-on/dark-on, PNP, teach-in button, 4-wire, pigtail.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/TRR-C23PA-TMK-603>

## Technical Specifications

|                           |                                |
|---------------------------|--------------------------------|
| <b>Brand</b>              | Contrinex                      |
| <b>Item</b>               | Photoelectric sensor           |
| <b>Shape</b>              | Rectangular                    |
| <b>Housing Size</b>       | 20 x 10 x 30mm                 |
| <b>IP Rating</b>          | IP67                           |
| <b>Housing Material</b>   | ABS plastic                    |
| <b>Sensing Method</b>     | Polarized retroreflective      |
| <b>Sensing Technology</b> | Clear object detection         |
| <b>Operating Voltage</b>  | 10-30 VDC                      |
| <b>Number of Wires</b>    | 4                              |
| <b>Switching Output</b>   | PNP                            |
| <b>Sensing Distance</b>   | 20-4200mm                      |
| <b>Sensitivity</b>        | Teach-in button                |
| <b>Operation Mode</b>     | Complementary light-on/dark-on |

|  |                                      |
|--|--------------------------------------|
| <b>Switching Frequency</b>                       | 1.5 kHz                              |
| <b>Light emission</b>                            | Visible red                          |
| <b>IO-Link Compatible</b>                        | Yes                                  |
| <b>Cable Length</b>                              | 6.5ft/2m                             |
| <b>Jacket Material</b>                           | PVC                                  |
| <b>Connection</b>                                | Pigtail                              |
| <b>Communication Port and Connection Type(s)</b> | (1) 4-wire pigtail (IO-Link) port(s) |
| <b>Port Protocol(s)</b>                          | IO-Link Class A Device               |
| <b>Port Speed(s)</b>                             | IO-Link COM2                         |
| <b>IO-Link Version</b>                           | IO-Link v1.0                         |
| <b>Standard I/O Mode Supported</b>               | Yes                                  |
| <b>Includes</b>                                  | Mounting hardware                    |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | E239373                                |
| <b>UL Recognized File #</b> | None                                   |
| <b>UL Hazardous File #</b>  | None                                   |
| <b>CE</b>                   | <a href="#">View CE declarations</a>   |
| <b>CSA File #</b>           | None                                   |
| <b>RoHS Status</b>          | Yes (See CE Doc)                       |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |