

# TRDA25RN500VWDMS Cut Sheet



JTEKT TRDA-25 series incremental (quadrature) rotary encoder, 5 VDC, line driver (differential) output, medium duty, 500 ppr, 3/8in solid shaft, flange mount, 2in diameter body, IP65, radial exit, 10-pin Military Style (MS) connector.

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



<https://www.automationdirect.com/pn/TRDA25RN500VWDMS>

## Technical Specifications

|                     |                            |
|---------------------|----------------------------|
| Brand               | JTEKT                      |
| Item                | Encoder                    |
| Series              | TRDA-25                    |
| Feedback Type       | Incremental (quadrature)   |
| Encoder Type        | Rotary                     |
| Voltage Rating      | 5 VDC                      |
| Encoder Output Type | Line driver (differential) |
| Duty Rating         | Medium duty                |
| Encoder Resolution  | 500 ppr                    |
| Shaft Type          | Solid                      |
| Shaft Diameter      | 3/8in                      |

|                       |                                      |
|-----------------------|--------------------------------------|
| Radial Shaft Load     | 50N                                  |
| Axial Shaft Load      | 30N                                  |
| Frequency Response    | 200 kHz                              |
| Speed Rating          | 3000rpm                              |
| Flange Mount          | Yes                                  |
| Encoder Body Diameter | 2in                                  |
| Housing Material      | Aluminum                             |
| IP Rating             | IP65                                 |
| Exit Orientation      | Radial                               |
| Connector Type        | 10-pin Military Style (MS) connector |

## Agency Approvals

|                      |                                        |
|----------------------|----------------------------------------|
| UL Listed File #     | E189395                                |
| UL Recognized File # | None                                   |
| UL Hazardous File #  | None                                   |
| CE                   | <a href="#">View CE declarations</a>   |
| CSA File #           | None                                   |
| RoHS Status          | No                                     |
| EU REACH             | <a href="#">View EU REACH document</a> |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/TRDA25RN500VWDMS.pdf>  
See store item page for other formats.