

# TRD-NH250-RZVWD Cut Sheet



JTEKT TRD-N series incremental (quadrature) rotary encoder, 5 VDC, line driver (differential) output, medium duty, 250 ppr, 8mm hollow shaft, 50mm diameter body, IP65, 6.5ft/2m cable length, radial exit, pigtail.

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



<https://www.automationdirect.com/pn/TRD-NH250-RZVWD>

## Technical Specifications

|                     |                            |
|---------------------|----------------------------|
| Brand               | JTEKT                      |
| Item                | Encoder                    |
| Series              | TRD-N                      |
| Feedback Type       | Incremental (quadrature)   |
| Encoder Type        | Rotary                     |
| Voltage Rating      | 5 VDC                      |
| Encoder Output Type | Line driver (differential) |
| Duty Rating         | Medium duty                |
| Encoder Resolution  | 250 ppr                    |
| Shaft Type          | Hollow                     |
| Shaft Diameter      | 8mm                        |
| Radial Shaft Load   | 50N                        |

|                       |          |
|-----------------------|----------|
| Axial Shaft Load      | 30N      |
| Frequency Response    | 100 kHz  |
| Speed Rating          | 3000rpm  |
| Flange Mount          | No       |
| Encoder Body Diameter | 50mm     |
| Housing Material      | Aluminum |
| IP Rating             | IP65     |
| Cable Length          | 6.5ft/2m |
| Cable Diameter Size   | 6.4mm    |
| Wire Size             | 24 AWG   |
| Exit Orientation      | Radial   |
| Connector Type        | Pigtail  |

## Agency Approvals

|                      |                                        |
|----------------------|----------------------------------------|
| UL Listed File #     | E189395                                |
| UL Recognized File # | None                                   |
| UL Hazardous File #  | None                                   |
| 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/TRD-NH250-RZVWD.pdf>  
See store item page for other formats.