

# TRD-SR1024AWD Cut Sheet



JTEKT TRD-SR series incremental (quadrature) rotary encoder, 5-26 VDC, NPN open collector output, light duty, 1024 ppr, 6mm solid shaft, 40mm 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-SR1024AWD>

## Technical Specifications

|                     |                          |
|---------------------|--------------------------|
| Brand               | JTEKT                    |
| Item                | Encoder                  |
| Series              | TRD-SR                   |
| Feedback Type       | Incremental (quadrature) |
| Encoder Type        | Rotary                   |
| Voltage Rating      | 5-26 VDC                 |
| Encoder Output Type | NPN open collector       |
| Duty Rating         | Light duty               |
| Encoder Resolution  | 1024 ppr                 |
| Shaft Type          | Solid                    |
| Shaft Diameter      | 6mm                      |
| Radial Shaft Load   | 30N                      |
| Axial Shaft Load    | 20N                      |

|                       |                   |
|-----------------------|-------------------|
| Frequency Response    | 200 kHz           |
| Speed Rating          | 6000rpm           |
| Flange Mount          | No                |
| Encoder Body Diameter | 40mm              |
| Housing Material      | Aluminum          |
| IP Rating             | IP65              |
| Cable Length          | 6.5ft/2m          |
| Cable Diameter Size   | 6mm               |
| Wire Size             | 26 AWG            |
| Exit Orientation      | Radial            |
| Connector Type        | Pigtail           |
| Includes              | Mounting hardware |

## 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          | Yes (See CE Doc)                       |
| EU REACH             | <a href="#">View EU REACH document</a> |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/TRD-SR1024AWD.pdf>  
See store item page for other formats.