

# TRD-SHR100VW0D Cut Sheet



JTEKT TRD-SR series incremental (quadrature) rotary encoder, 5 VDC, line driver (differential) output, light duty, 100 ppr, 8mm hollow 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-SHR100VW0D>

## Technical Specifications

|                     |                            |
|---------------------|----------------------------|
| Brand               | JTEKT                      |
| Item                | Encoder                    |
| Series              | TRD-SR                     |
| Feedback Type       | Incremental (quadrature)   |
| Encoder Type        | Rotary                     |
| Voltage Rating      | 5 VDC                      |
| Encoder Output Type | Line driver (differential) |
| Duty Rating         | Light duty                 |
| Encoder Resolution  | 100 ppr                    |
| Shaft Type          | Hollow                     |
| Shaft Diameter      | 8mm                        |
| 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  |

## 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-SHR100VW0D.pdf>  
See store item page for other formats.