

# TRD-NA720NWD Cut Sheet



JTEKT TRD-NA series single-turn absolute (gray code) rotary encoder, 10-26 VDC, NPN open collector output, medium duty, 720 ppr, 8mm solid 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-NA720NWD>

## Technical Specifications

|                     |                                  |                       |                   |
|---------------------|----------------------------------|-----------------------|-------------------|
| Brand               | JTEKT                            | Frequency Response    | 20 kHz            |
| Item                | Encoder                          | Speed Rating          | 1667rpm           |
| Series              | TRD-NA                           | Flange Mount          | No                |
| Feedback Type       | Single-turn absolute (gray code) | Encoder Body Diameter | 50mm              |
| Encoder Type        | Rotary                           | Housing Material      | Aluminum          |
| Voltage Rating      | 10-26 VDC                        | IP Rating             | IP65              |
| Encoder Output Type | NPN open collector               | Protection Type(s)    | reverse polarity  |
| Duty Rating         | Medium duty                      | Cable Length          | 6.5ft/2m          |
| Encoder Resolution  | 720 ppr                          | Cable Diameter Size   | 7mm               |
| Shaft Type          | Solid                            | Wire Size             | 26 AWG            |
| Shaft Diameter      | 8mm                              | Exit Orientation      | Radial            |
| Radial Shaft Load   | 50N                              | Connector Type        | Pigtail           |
| Axial Shaft Load    | 30N                              | Includes              | Mounting hardware |

## 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-NA720NWD.pdf>  
See store item page for other formats.