

TRD-NH300-RZVWD Cut Sheet



JTEKT TRD-N series incremental (quadrature) rotary encoder, 5 VDC, line driver (differential) output, medium duty, 300 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-NH300-RZVWD>

Technical Specifications

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|----------------------------|----------------------------|
| 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 | 300 ppr |
| Shaft Type | Hollow |
| Shaft Diameter | 8mm |
| Radial Shaft Load | 50N |

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|------------------------------|----------|
| 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

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|-----------------------------|----------------------------------------|
| UL Listed File # | E189395 |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CSA File # | None |
| RoHS Status | No |
| EU REACH | View EU REACH document |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/TRD-NH300-RZVWD.pdf>
See store item page for other formats.