

TRD-NH3000-RZWD Cut Sheet



Koyo TRD-N series incremental (quadrature) rotary encoder, medium duty, 5-30 VDC, radial exit, push-pull (totem) output, 3000 ppr, 8mm hollow shaft, 50mm diameter body, IP65, 6.5ft/2m cable length, pigtail.

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



<https://www.automationdirect.com/pn/TRD-NH3000-RZWD>

Technical Specifications

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|----------------------------|--------------------------|
| Brand | Koyo |
| Item | Encoder |
| Series | TRD-N |
| Feedback Type | Incremental (quadrature) |
| Encoder Type | Rotary |
| Duty Rating | Medium duty |
| Voltage Rating | 5-30 VDC |
| Exit Orientation | Radial |
| Encoder Output Type | Push-pull (totem) |
| Encoder Resolution | 3000 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 | 2000rpm |
| Flange Mount | No |
| Encoder Body Diameter | 50mm |
| Housing Material | Aluminum |
| IP Rating | IP65 |
| Protection Type(s) | short circuit (between each output and common) |
| Cable Length | 6.5ft/2m |
| Cable Diameter Size | 6.4mm |
| Wire Size | 24 AWG |
| Connector Type | Pigtail |
| Includes | Mounting hardware |

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 |