TRD-NH300-RZWD Cut Sheet

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JTEKT TRD-N series incremental (quadrature) rotary encoder, 5–30 VDC, HTL (push-pull/totem) output, 300 ppr, 8mm hollow shaft, 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-NH300-RZWD

Technical Specifications

Brand	JTEKT
Item	Encoder
Series	TRD-N
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Voltage Rating	5–30 VDC
Encoder Output Type	Push-pull (totem)
Duty Rating	Medium duty
Programmable Encoder Resolution	No
Encoder Resolution	300 ppr
Shaft Type	Hollow
Shaft Diameter	8mm
Radial Shaft Load	50N

Axial Shaft Load	30N
Frequency Response	100 kHz
Speed Rating	3000 rpm
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
Exit Orientation	Radial
Connector Type	Pigtail

Agency Approvals

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-RZWD.pdf
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