

TRD-N500-RZWD Cut Sheet



JTEKT TRD-N series incremental (quadrature) rotary encoder, 5-30 VDC, push-pull (totem) output, medium duty, 500 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-N500-RZWD>

Technical Specifications

Brand	JTEKT	Frequency Response	100 kHz
Item	Encoder	Speed Rating	3000rpm
Series	TRD-N	Flange Mount	No
Feedback Type	Incremental (quadrature)	Encoder Body Diameter	50mm
Encoder Type	Rotary	Housing Material	Aluminum
Voltage Rating	5-30 VDC	IP Rating	IP65
Encoder Output Type	Push-pull (totem)	Protection Type(s)	short circuit (between each output and common)
Duty Rating	Medium duty	Cable Length	6.5ft/2m
Encoder Resolution	500 ppr	Cable Diameter Size	6.4mm
Shaft Type	Solid	Wire Size	24 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	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/TRD-N500-RZWD.pdf>
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