

TRDA-20R1N2500RZD Cut Sheet



JTEKT TRDA-20 series incremental (quadrature) rotary encoder, 5-30 VDC, push-pull (totem) output, medium duty, 2500 ppr, 3/8in solid shaft, 2in diameter body, IP50, 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/TRDA-20R1N2500RZD>

Technical Specifications

Brand	JTEKT
Item	Encoder
Series	TRDA-20
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Voltage Rating	5-30 VDC
Encoder Output Type	Push-pull (totem)
Duty Rating	Medium duty
Encoder Resolution	2500 ppr
Shaft Type	Solid
Shaft Diameter	3/8in
Radial Shaft Load	50N
Axial Shaft Load	30N

Frequency Response	100 kHz
Speed Rating	2400rpm
Flange Mount	No
Encoder Body Diameter	2in
Housing Material	Aluminum
IP Rating	IP50
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/TRDA-20R1N2500RZD.pdf>
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