

TRDA-20R1N500VD Cut Sheet



JTEKT TRDA-20 series incremental (quadrature) rotary encoder, 5 VDC, line driver (differential) output, medium duty, 500 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-20R1N500VD>

Technical Specifications

Brand	JTEKT
Item	Encoder
Series	TRDA-20
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Voltage Rating	5 VDC
Encoder Output Type	Line driver (differential)
Duty Rating	Medium duty
Encoder Resolution	500 ppr
Shaft Type	Solid
Shaft Diameter	3/8in
Radial Shaft Load	50N

Axial Shaft Load	30N
Frequency Response	200 kHz
Speed Rating	5000rpm
Flange Mount	No
Encoder Body Diameter	2in
Housing Material	Aluminum
IP Rating	IP50
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-20R1N500VD.pdf>
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