

TRDA-20R1N500VD Cut Sheet



Koyo TRDA-20 series incremental (quadrature) rotary encoder, medium duty, 5 VDC, radial exit, line driver (differential) output, 500 ppr, 3/8in solid shaft, 2in diameter body, IP50, 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/TRDA-20R1N500VD>

Technical Specifications

Brand	Koyo
Item	Encoder
Series	TRDA-20
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Duty Rating	Medium duty
Voltage Rating	5 VDC
Exit Orientation	Radial
Encoder Output Type	Line driver (differential)
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
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>
See store item page for other formats.