

# TRDA-20R1N100RZD Cut Sheet



Koyo TRDA-20 series incremental (quadrature) rotary encoder, medium duty, 5-30 VDC, radial exit, push-pull (totem) output, 100 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-20R1N100RZD>

## Technical Specifications

<b>Brand</b>	Koyo
<b>Item</b>	Encoder
<b>Series</b>	TRDA-20
<b>Feedback Type</b>	Incremental (quadrature)
<b>Encoder Type</b>	Rotary
<b>Duty Rating</b>	Medium duty
<b>Voltage Rating</b>	5-30 VDC
<b>Exit Orientation</b>	Radial
<b>Encoder Output Type</b>	Push-pull (totem)
<b>Encoder Resolution</b>	100 ppr
<b>Shaft Type</b>	Solid
<b>Shaft Diameter</b>	3/8in
<b>Radial Shaft Load</b>	50N
<b>Axial Shaft Load</b>	30N
<b>Frequency Response</b>	100 kHz
<b>Speed Rating</b>	5000rpm
<b>Flange Mount</b>	No
<b>Encoder Body Diameter</b>	2in
<b>Housing Material</b>	Aluminum
<b>IP Rating</b>	IP50
<b>Protection Type(s)</b>	short circuit (between each output and common)
<b>Cable Length</b>	6.5ft/2m
<b>Cable Diameter Size</b>	6.4mm
<b>Wire Size</b>	24 AWG
<b>Connector Type</b>	Pigtail

## Agency Approvals

<b>UL Listed File #</b>	E189395
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CSA File #</b>	None
<b>RoHS Status</b>	No
<b>EU REACH</b>	<a href="#">View EU REACH document</a>