

TRDA-20R1N1000VD Cut Sheet



Koyo TRDA-20 series incremental (quadrature) rotary encoder, medium duty, 5 VDC, radial exit, line driver (differential) output, 1000 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-20R1N1000VD>

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 | 1000 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 |