

TRD-SH800VD Cut Sheet



Koyo TRD-S series incremental (quadrature) rotary encoder, light duty, 5 VDC, radial exit, line driver (differential) output, 800 ppr, 8mm hollow shaft, 38mm diameter body, IP40, 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/TRD-SH800VD>

Technical Specifications

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|------------------------------|----------------------------|
| Brand | Koyo |
| Item | Encoder |
| Series | TRD-S |
| Feedback Type | Incremental (quadrature) |
| Encoder Type | Rotary |
| Duty Rating | Light duty |
| Voltage Rating | 5 VDC |
| Exit Orientation | Radial |
| Encoder Output Type | Line driver (differential) |
| Encoder Resolution | 800 ppr |
| Shaft Type | Hollow |
| Shaft Diameter | 8mm |
| Radial Shaft Load | 20N |
| Axial Shaft Load | 10N |
| Frequency Response | 200 kHz |
| Speed Rating | 1500rpm |
| Flange Mount | No |
| Encoder Body Diameter | 38mm |
| Housing Material | Aluminum |
| IP Rating | IP40 |
| Cable Length | 6.5ft/2m |
| Cable Diameter Size | 5mm |
| Wire Size | 26 AWG |
| Connector Type | Pigtail |

Agency Approvals

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| UL Listed File # | E189395 |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| CSA File # | None |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |