

TRD-S1000AD Cut Sheet



Koyo TRD-S series incremental (quadrature) rotary encoder, light duty, 5-12 VDC, radial exit, NPN open collector output, 1000 ppr, 6mm solid 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-S1000AD>

Technical Specifications

Brand	Koyo	Axial Shaft Load	10N
Item	Encoder	Frequency Response	200 kHz
Series	TRD-S	Speed Rating	6000rpm
Feedback Type	Incremental (quadrature)	Flange Mount	No
Encoder Type	Rotary	Encoder Body Diameter	38mm
Duty Rating	Light duty	Housing Material	Aluminum
Voltage Rating	5-12 VDC	IP Rating	IP40
Exit Orientation	Radial	Protection Type(s)	short circuit (between each output and common)
Encoder Output Type	NPN open collector	Cable Length	6.5ft/2m
Encoder Resolution	1000 ppr	Cable Diameter Size	5mm
Shaft Type	Solid	Wire Size	26 AWG
Shaft Diameter	6mm	Connector Type	Pigtail
Radial Shaft Load	20N	Includes	Mounting hardware

Agency Approvals

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