

TRD-S2500AD Cut Sheet



Koyo TRD-S series incremental (quadrature) rotary encoder, light duty, 5-12 VDC, radial exit, NPN open collector output, 2500 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-S2500AD>

Technical Specifications

Brand	Koyo
Item	Encoder
Series	TRD-S
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Replacement	No
Duty Rating	Light duty
Voltage Rating	5-12 VDC
Exit Orientation	Radial
Encoder Output Type	NPN open collector
Encoder Resolution	2500 ppr
Shaft Type	Solid
Shaft Diameter	6mm
Radial Shaft Load	20N

Axial Shaft Load	10N
Frequency Response	200 kHz
Speed Rating	4800rpm
Flange Mount	No
Encoder Body Diameter	38mm
Housing Material	Aluminum
IP Rating	IP40
Protection Type(s)	short circuit (between each output and common)
Cable Length	6.5ft/2m
Cable Diameter Size	5mm
Wire Size	26 AWG
Connector Type	Pigtail
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

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/TRD-S2500AD.pdf>
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