

TRD-NA180NWD Cut Sheet



Koyo TRD-NA series single-turn absolute (gray code) rotary encoder, medium duty, 10-26 VDC, radial exit, NPN open collector output, 180 ppr, 8mm solid shaft, 50mm diameter body, IP65, 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-NA180NWD>

Technical Specifications

Brand	Koyo	Axial Shaft Load	30N
Item	Encoder	Frequency Response	20 kHz
Series	TRD-NA	Speed Rating	3000rpm
Feedback Type	Single-turn absolute (gray code)	Flange Mount	No
Encoder Type	Rotary	Encoder Body Diameter	50mm
Duty Rating	Medium duty	Housing Material	Aluminum
Voltage Rating	10-26 VDC	IP Rating	IP65
Exit Orientation	Radial	Protection Type(s)	reverse polarity
Encoder Output Type	NPN open collector	Cable Length	6.5ft/2m
Encoder Resolution	180 ppr	Cable Diameter Size	7mm
Shaft Type	Solid	Wire Size	26 AWG
Shaft Diameter	8mm	Connector Type	Pigtail
Radial Shaft Load	50N	Includes	Mounting hardware

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