

TRD-NA180NWD Cut Sheet



JTEKT TRD-NA series single-turn absolute (gray code) rotary encoder, 10-26 VDC, NPN open collector output, medium duty, 180 ppr, 8mm solid shaft, 50mm diameter body, IP65, 6.5ft/2m cable length, radial exit, 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	JTEKT
Item	Encoder
Series	TRD-NA
Feedback Type	Single-turn absolute (gray code)
Encoder Type	Rotary
Voltage Rating	10-26 VDC
Encoder Output Type	NPN open collector
Duty Rating	Medium duty
Encoder Resolution	180 ppr
Shaft Type	Solid
Shaft Diameter	8mm
Radial Shaft Load	50N
Axial Shaft Load	30N

Frequency Response	20 kHz
Speed Rating	3000rpm
Flange Mount	No
Encoder Body Diameter	50mm
Housing Material	Aluminum
IP Rating	IP65
Protection Type(s)	reverse polarity
Cable Length	6.5ft/2m
Cable Diameter Size	7mm
Wire Size	26 AWG
Exit Orientation	Radial
Connector Type	Pigtail
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

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/TRD-NA180NWD.pdf>
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