

TRD-GK500-RZD Cut Sheet



JTEKT TRD-GK series incremental (quadrature) rotary encoder, 10-30 VDC, push-pull (totem) output, heavy duty, 500 ppr, 10mm solid shaft, 78mm diameter body, IP65, 6.5ft/2m cable length, axial exit, pigtail.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/TRD-GK500-RZD>

Technical Specifications

Brand	JTEKT	Frequency Response	100 kHz
Item	Encoder	Speed Rating	5000rpm
Series	TRD-GK	Flange Mount	No
Feedback Type	Incremental (quadrature)	Encoder Body Diameter	78mm
Encoder Type	Rotary	Housing Material	Aluminum
Voltage Rating	10-30 VDC	IP Rating	IP65
Encoder Output Type	Push-pull (totem)	Protection Type(s)	short circuit (between each output and common)
Duty Rating	Heavy duty	Cable Length	6.5ft/2m
Encoder Resolution	500 ppr	Cable Diameter Size	6mm
Shaft Type	Solid	Wire Size	24 AWG
Shaft Diameter	10mm	Exit Orientation	Axial
Radial Shaft Load	100N	Connector Type	Pigtail
Axial 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

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/TRD-GK500-RZD.pdf>
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