

TRD-GK5000-RZD Cut Sheet



JTEKT TRD-GK series incremental (quadrature) rotary encoder, 10-30 VDC, push-pull (totem) output, heavy duty, 5000 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-GK5000-RZD>

Technical Specifications

Brand	JTEKT
Item	Encoder
Series	TRD-GK
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Voltage Rating	10-30 VDC
Encoder Output Type	Push-pull (totem)
Duty Rating	Heavy duty
Encoder Resolution	5000 ppr
Shaft Type	Solid
Shaft Diameter	10mm
Radial Shaft Load	100N
Axial Shaft Load	50N

Frequency Response	100 kHz
Speed Rating	1200rpm
Flange Mount	No
Encoder Body Diameter	78mm
Housing Material	Aluminum
IP Rating	IP65
Protection Type(s)	short circuit (between each output and common)
Cable Length	6.5ft/2m
Cable Diameter Size	6mm
Wire Size	24 AWG
Exit Orientation	Axial
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-GK5000-RZD.pdf>
See store item page for other formats.