TRD-GK100-RZD Cut Sheet

Koyo TRD-GK series incremental (quadrature) rotary encoder, heavy duty, 10-30 VDC, axial exit, push-pull (totem) output, 100 ppr, 10mm solid shaft, 78mm 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-GK100-RZD

Technical Specifications

Brand	Koyo		**Axial Shaft Load**	50N
Item	Encoder		**Frequency Response**	100 kHz
Series	TRD-GK		**Speed Rating**	5000rpm
Feedback Type	Incremental (quadrature)		**Flange Mount**	No
Encoder Type	Rotary		**Encoder Body Diameter**	78mm
Duty Rating	Heavy duty		**Housing Material**	Aluminum
Voltage Rating	10-30 VDC		**IP Rating**	IP65
Exit Orientation	Axial		**Protection Type(s)**	short circuit (between each output and common)
Encoder Output Type	Push-pull (totem)		**Cable Length**	6.5ft/2m
Encoder Resolution	100 ppr		**Cable Diameter Size**	6mm
Shaft Type	Solid		**Wire Size**	24 AWG
Shaft Diameter	10mm		**Connector Type**	Pigtail
Radial Shaft Load	100N		**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-GK100-RZD.pdf
See store item page for other formats.