TRD-SH100-VD Cut Sheet

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JTEKT TRD-S series incremental (quadrature) rotary encoder, light duty, 5 VDC, radial exit, line driver (differential) output, 100 ppr, 8mm hollow shaft, 38mm diameter body, IP40, 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-SH100-VD

Technical Specifications

Brand	JTEKT
Item	Encoder
Series	TRD-S
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Duty Rating	Light duty
Voltage Rating	5 VDC
Exit Orientation	Radial
Encoder Output Type	Line driver (differential)
Encoder Resolution	100 ppr
Shaft Type	Hollow
Shaft Diameter	8mm

Radial Shaft Load	20N
Axial Shaft Load	10N
Frequency Response	200 kHz
Speed Rating	6000rpm
Flange Mount	No
Encoder Body Diameter	38mm
Housing Material	Aluminum
IP Rating	IP40
Cable Length	6.5ft/2m
Cable Diameter Size	5mm
Wire Size	26 AWG
Connector Type	Pigtail

Agency Approvals

UL Listed File #	E189395
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/TRD-SH100-VD.pdf
See store item page for other formats.