

TRD-SHR500A5D Cut Sheet



JTEKT TRD-SR series incremental (quadrature) rotary encoder, 5-26 VDC, NPN open collector output, light duty, 500 ppr, 8mm hollow shaft, 38mm diameter body, IP50, 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-SHR500A5D>

Technical Specifications

Brand	JTEKT	Axial Shaft Load	20N
Item	Encoder	Frequency Response	200 kHz
Series	TRD-SR	Speed Rating	6000rpm
Feedback Type	Incremental (quadrature)	Flange Mount	No
Encoder Type	Rotary	Encoder Body Diameter	38mm
Voltage Rating	5-26 VDC	Housing Material	Aluminum
Encoder Output Type	NPN open collector	IP Rating	IP50
Duty Rating	Light duty	Cable Length	6.5ft/2m
Encoder Resolution	500 ppr	Cable Diameter Size	6mm
Shaft Type	Hollow	Wire Size	26 AWG
Shaft Diameter	8mm	Exit Orientation	Radial
Radial Shaft Load	30N	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/2d/TRD-SHR500A5D.pdf>
See store item page for other formats.