

TRD-SR500VWD Cut Sheet



JTEKT TRD-SR series incremental (quadrature) rotary encoder, 5 VDC, line driver (differential) output, light duty, 500 ppr, 6mm solid shaft, 40mm diameter body, IP65, 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-SR500VWD>

Technical Specifications

Brand	JTEKT	Frequency Response	200 kHz
Item	Encoder	Speed Rating	6000rpm
Series	TRD-SR	Flange Mount	No
Feedback Type	Incremental (quadrature)	Encoder Body Diameter	40mm
Encoder Type	Rotary	Housing Material	Aluminum
Voltage Rating	5 VDC	IP Rating	IP65
Encoder Output Type	Line driver (differential)	Cable Length	6.5ft/2m
Duty Rating	Light duty	Cable Diameter Size	6mm
Encoder Resolution	500 ppr	Wire Size	26 AWG
Shaft Type	Solid	Exit Orientation	Radial
Shaft Diameter	6mm	Connector Type	Pigtail
Radial Shaft Load	30N	Includes	Mounting hardware
Axial Shaft Load	20N		

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-SR500VWD.pdf>
See store item page for other formats.