

TRD-SHR500AW0D Cut Sheet



Koyo TRD-SR series incremental (quadrature) rotary encoder, light duty, 5-26 VDC, radial exit, NPN open collector output, 500 ppr, 8mm hollow shaft, 40mm 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-SHR500AW0D>

Technical Specifications

Brand	Koyo
Item	Encoder
Series	TRD-SR
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Duty Rating	Light duty
Voltage Rating	5-26 VDC
Exit Orientation	Radial
Encoder Output Type	NPN open collector
Encoder Resolution	500 ppr
Shaft Type	Hollow
Shaft Diameter	8mm

Radial Shaft Load	30N
Axial Shaft Load	20N
Frequency Response	200 kHz
Speed Rating	6000rpm
Flange Mount	No
Encoder Body Diameter	40mm
Housing Material	Aluminum
IP Rating	IP65
Cable Length	6.5ft/2m
Cable Diameter Size	6mm
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/2d/TRD-SHR500AW0D.pdf>
See store item page for other formats.