

TRD-MX100AD Cut Sheet



Koyo TRD-MX series incremental (quadrature) rotary encoder, light duty, 5-12 VDC, axial exit, NPN open collector output, 100 ppr, 4mm solid shaft, 1in diameter body, IP50, 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-MX100AD>

Technical Specifications

Brand	Koyo	Axial Shaft Load	5N
Item	Encoder	Frequency Response	100 kHz
Series	TRD-MX	Speed Rating	6000rpm
Feedback Type	Incremental (quadrature)	Flange Mount	No
Encoder Type	Rotary	Encoder Body Diameter	1in
Duty Rating	Light duty	Housing Material	Aluminum
Voltage Rating	5-12 VDC	IP Rating	IP50
Exit Orientation	Axial	Protection Type(s)	reverse polarity
Encoder Output Type	NPN open collector	Cable Length	6.5ft/2m
Encoder Resolution	100 ppr	Cable Diameter Size	5mm
Shaft Type	Solid	Wire Size	26 AWG
Shaft Diameter	4mm	Connector Type	Pigtail
Radial Shaft Load	10N	Includes	Mounting hardware

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