TRD-MX100VD Cut Sheet

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Koyo TRD-MX series incremental (quadrature) rotary encoder, light duty, 5 VDC, axial exit, line driver (differential) 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-MX100VD

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 VDC		**IP Rating**	IP50
Exit Orientation	Axial		**Cable Length**	6.5ft/2m
Encoder Output Type	Line driver (differential)		**Cable Diameter Size**	5mm
Encoder Resolution	100 ppr		**Wire Size**	26 AWG
Shaft Type	Solid		**Connector Type**	Pigtail
Shaft Diameter	4mm		**Includes**	Mounting hardware
Radial Shaft Load	10N			

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