

AMT312D-V Cut Sheet



CUI Devices AMT31 series incremental (quadrature)/commutation rotary modular kit encoder, 5 VDC, radial exit, line driver (differential) encoder output, up to 4096 ppr, software configurable, line driver (differential) commutation output.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/AMT312D-V>

Technical Specifications

Brand	CUI Devices	Shaft Diameter	2mm, 3mm, 1/8in, 4mm, 3/16in, 5mm, 6mm, 1/4in and 8mm
Item	Modular kit encoder	Frequency Response	Greater than 100 kHz
Series	AMT31	Speed Rating	2500/4000/8000rpm
Feedback Type	Incremental (quadrature)/commutation	Flange Mount	No
Encoder Type	Rotary	Encoder Body Diameter	29mm
Replacement	No	Housing Material	Metal
Duty Rating	Light duty	IP Rating	IP20
Voltage Rating	5 VDC	Connector Type	17-pin male
Exit Orientation	Radial	For Use With	NEMA 14, 17, and 23 dual shaft motors
Encoder Output Type	Line driver (differential)	Kit Includes	(1) encoder module, (1) encoder standard base, (1) encoder wide base, (1) centering tool, (1) spacer tool, (1) shaft adapter and (9) shaft sleeves (2, 3, 4, 5, 6 and 8mm, 1/8, 3/16 and 1/4in)
Encoder Resolution	Up to 4096 ppr	Requires	AMT-17C-1-xxx encoder cable and AMT-PGRM-17C programming cable
Configuration	Software		
Commutation Output Type	Line driver (differential)		
Commutation Resolution	Up to 20 motor poles		
Shaft Type	Hollow		

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	None
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document
Other	RoHS Statement