

AMT332D-V Cut Sheet



Same Sky AMT33 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/AMT332D-V>

Technical Specifications

Brand	Same Sky	Frequency Response	Greater than 100 kHz
Item	Modular kit encoder	Speed Rating	2500/4000/8000rpm
Series	AMT33	Flange Mount	No
Feedback Type	Incremental (quadrature)/commutation	Encoder Body Diameter	42mm
Encoder Type	Rotary	Housing Material	Plastic
Replacement	No	IP Rating	IP20
Duty Rating	Light duty	Connector Type	18-pin male
Voltage Rating	5 VDC	For Use With	NEMA 34 dual shaft motors
Exit Orientation	Radial	Kit Includes	(1) encoder module, (1) alignment tool, (1) Allen wrench, (1) placement tool, (1) shaft adapter and (8) shaft sleeves (9, 10, 11, 12, 13 and 14mm, 3/8 and 1/2in)
Encoder Output Type	Line driver (differential)	Requires	AMT-18C-3-xxx encoder cable and AMT-PGRM-18C programming cable
Encoder Resolution	Up to 4096 ppr	Additional Information	Default resolution is 2048ppr. 5/8in shaft application does not require sleeve. Can be used with NEMA 42 dual shaft motor with STP-MTRA-42ENC encoder mounting plate
Configuration	Software		
Commutation Output Type	Line driver (differential)		
Commutation Resolution	Up to 20 motor poles		
Shaft Type	Hollow		
Shaft Diameter	9mm, 3/8in, 10mm, 11mm, 12mm, 1/2in, 13mm, 14mm and 5/8in		

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	None
CSA File #	None
RoHS Status	Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below)
EU REACH	View EU REACH document
Other	RoHS Statement

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/AMT332D-V.pdf>
See store item page for other formats.