

# AMT332S-V Cut Sheet



CUI Devices AMT33 series incremental (quadrature)/commutation rotary modular kit encoder, 5 VDC, radial exit, push-pull (totem) encoder output, up to 4096 ppr, software configurable, push-pull (totem) commutation output. For use with NEMA 34 dual shaft motors.

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



<https://www.automationdirect.com/pn/AMT332S-V>

## Technical Specifications

<b>Brand</b>	CUI Devices
<b>Item</b>	Modular kit encoder
<b>Series</b>	AMT33
<b>Feedback Type</b>	Incremental (quadrature)/commutation
<b>Encoder Type</b>	Rotary
<b>Replacement</b>	No
<b>Duty Rating</b>	Light duty
<b>Voltage Rating</b>	5 VDC
<b>Exit Orientation</b>	Radial
<b>Encoder Output Type</b>	Push-pull (totem)
<b>Encoder Resolution</b>	Up to 4096 ppr
<b>Configuration</b>	Software
<b>Commutation Output Type</b>	Push-pull (totem)
<b>Commutation Resolution</b>	Up to 20 motor poles
<b>Shaft Type</b>	Hollow
<b>Shaft Diameter</b>	9mm, 3/8in, 10mm, 11mm, 12mm, 1/2in, 13mm, 14mm and 5/8in

<b>Frequency Response</b>	Greater than 100 kHz
<b>Speed Rating</b>	2500/4000/8000rpm
<b>Flange Mount</b>	No
<b>Encoder Body Diameter</b>	42mm
<b>Housing Material</b>	Plastic
<b>IP Rating</b>	IP20
<b>Connector Type</b>	18-pin male
<b>For Use With</b>	NEMA 34 dual shaft motors
<b>Kit Includes</b>	(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)
<b>Requires</b>	AMT-18C-3-xxx encoder cable and AMT-PGRM-18C programming cable
<b>Additional Information</b>	5/8in shaft application does not require sleeve

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	None
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>
<b>Other</b>	<a href="#">RoHS Statement</a>