

# AMT132Q-V Cut Sheet



Same Sky AMT13 series incremental (quadrature) rotary modular kit encoder, 5 VDC, radial exit, line driver (differential) output, up to 4096 ppr, software configurable. 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/AMT132Q-V>

## Technical Specifications

<b>Brand</b>	Same Sky
<b>Item</b>	Modular kit encoder
<b>Series</b>	AMT13
<b>Feedback Type</b>	Incremental (quadrature)
<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>	Line driver (differential)
<b>Encoder Resolution</b>	Up to 4096 ppr
<b>Configuration</b>	Software
<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>	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

## 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>	Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>
<b>Other</b>	<a href="#">RoHS Statement</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/AMT132Q-V.pdf>  
See store item page for other formats.