

# AMT112S-V Cut Sheet



Same Sky AMT11 series incremental (quadrature) rotary modular kit encoder, 5 VDC, radial exit, push-pull (totem) output, up to 4096 ppr, software configurable. For use with NEMA 14, 17, and 23 dual shaft motors.

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



<https://www.automationdirect.com/pn/AMT112S-V>

## Technical Specifications

<b>Brand</b>	Same Sky	<b>Frequency Response</b>	Greater than 100 kHz
<b>Item</b>	Modular kit encoder	<b>Speed Rating</b>	2500/4000/8000rpm
<b>Series</b>	AMT11	<b>Flange Mount</b>	No
<b>Feedback Type</b>	Incremental (quadrature)	<b>Encoder Body Diameter</b>	29mm
<b>Encoder Type</b>	Rotary	<b>Housing Material</b>	Metal
<b>Replacement</b>	No	<b>IP Rating</b>	IP20
<b>Duty Rating</b>	Light duty	<b>Connector Type</b>	17-pin male
<b>Voltage Rating</b>	5 VDC	<b>For Use With</b>	NEMA 14, 17, and 23 dual shaft motors
<b>Exit Orientation</b>	Radial	<b>Kit Includes</b>	(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)
<b>Encoder Output Type</b>	Push-pull (totem)	<b>Requires</b>	AMT-17C-1-xxx encoder cable and AMT-PGRM-17C programming cable
<b>Encoder Resolution</b>	Up to 4096 ppr	<b>Additional Information</b>	Default resolution is 2048ppr
<b>Configuration</b>	Software		
<b>Shaft Type</b>	Hollow		
<b>Shaft Diameter</b>	2mm, 3mm, 1/8in, 4mm, 3/16in, 5mm, 6mm, 1/4in and 8mm		

## 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/AMT112S-V.pdf>  
See store item page for other formats.