

# AMT102-V Cut Sheet



CUI Devices AMT10 series incremental (quadrature) rotary modular kit encoder, 5 VDC, radial exit, push-pull (totem) output, up to 2048 ppr, dipswitch 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/AMT102-V>

## Technical Specifications

|                            |   |                              |   |
|----------------------------|---|------------------------------|---|
| <b>Brand</b>               | CUI Devices   | <b>Frequency Response</b>    | Greater than 100 kHz  |
| <b>Item</b>                | Modular kit encoder                                   | <b>Speed Rating</b>          | 7500/15000rpm   |
| <b>Series</b>              | AMT10   | <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>        | 5-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>              | CUI-313x-xxx encoder cable  |
| <b>Encoder Resolution</b>  | Up to 2048 ppr  |                              |   |
| <b>Configuration</b>       | Dipswitch   |                              |   |
| <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>          | Yes (See CE Doc)                       |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |
| <b>Other</b>                | <a href="#">RoHS Statement</a>         |