

New Product Announcement

Now at Mouser: CUI's Rugged AMT Capacitive Modular Absolute Encoders for Industrial Applications

November 15, 2018 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the [AMT series](#) of capacitive modular absolute encoder kits from [CUI Inc.](http://www.cui.com) Based on CUI's proprietary capacitive sensing technology, the rugged single-turn and multi-turn AMT encoders are resistant to dust, dirt, and oil, making them an ideal choice for [industrial](#) applications, including [robotics](#), [building automation](#), and renewable energy devices.

The [CUI AMT series](#) absolute encoder kits, available from Mouser Electronics, are based on the single-turn [AMT20](#) encoder, which delivers 12-bit output via SPI communication; the single- or multi-turn [AMT21](#) encoders, available with 12-bit or 14-bit output through RS-485 communication; and the single-turn [AMT23](#) encoders, which also offer 12-bit or 14-bit output via SSI transmission. The encoders deliver accurate position feedback of ± 0.2 mechanical degrees, as well as [low current draw](#) of 8 mA at 5 V. Housed in a compact 28 mm package, the encoders feature locking hubs and ensure simple mounting and alignment with the One Touch Zero feature, while CUI's AMT Viewpoint software ensures easy configuration and firmware updates.

The AMT series kits include nine sleeve options ranging from 2 mm to 8 mm, two simple mounting tools, and either one standard baseplate (AMT20) or one standard baseplate and one wide baseplate (AMT21 and AMT23) with multiple pre-drilled mounting hole patterns designed to mate with a broad range of motors.

To learn more, visit www.mouser.com/cui-absolute-encoders.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 750 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About CUI Inc.

CUI is an electronic components manufacturer specializing in a diverse range of product technologies. As a leader in power electronics, CUI supports customers as they strive to improve the energy efficiency and environmental credentials of their application. The company's interconnect, audio, motion and thermal management groups provide engineers with reliable and proven solutions across a range of market segments as technology allows the world to connect in new ways. Most importantly, every product is backed by an unwavering commitment to create collaborative partnerships with customers and a drive to see that their design projects are a success.

Trademarks

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Further information, contact:
Kevin Hess, Mouser Electronics
Senior Vice President of Marketing
(817) 804-3833
Kevin.Hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Manager, Corporate Communications and Media Relations
(817) 804-7764
Kelly.DeGarmo@mouser.com