

Press Release

## DRIVECLiQ in industry standard

The sensor interface for the SINUMERIK and SINAMICS controls is now also available in the C\_\_58 product family.

The ultra-compact CMV36 have already proved their suitability for DRIVECLiQ, and the full conformity of the C\_\_58 absolute rotary encoders has now also been confirmed by the test laboratory. This means that another important rotary encoder interface with industry standard size 58 mm is now available.

Traditional DRIVECLiQ applications mainly work with drive-integrated rotary encoders. Sometimes, however, it is desirable or necessary to have a position measurement far away from the actual motor, which must be evaluated directly in the main control or converter without a break in communication. TR-Electronic's 58-mm absolute encoders are perfectly suited for this. Thanks to their stable design, they can also withstand difficult environments.

With solid shaft and blind shaft, the 58-mm series can be adapted to different machine configurations. In addition to the usual synchronous and clamping flange configurations, different versions are available as standard.

Like its little brother the CMV36, the CEV58 delivers a resolution of 4096 steps (12 bits) per revolution and 4096 revolutions, which can be absolutely detected without batteries or counters.

The robust, high-density and vibration-resistant M12 plug is axially arranged, so that the connector cables do not protrude beyond the flange diameter of 58 mm.

The CEV58 DQ supports DRIVECLiQ's customary star topology: All signals and the supply to the rotary encoder are through-connected with just one cable.

The CMV36M DQ, already available for some time, has proven its worth for compact automation solutions in apparatus and equipment engineering.

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All TR-Electronic products with DRIVECLiQ can be found at  
<http://www.tr-electronic.de/s/S006797>



Absolute rotary encoder CEV58M DQ by TR-Electronic with DRIVECLiQ  
Photo: TR-Electronic GmbH