

MEASUREMENT DEVICE

With CAN FD interface

IMC (Germany) has optimized and re-issued its C-series measurement devices. Now, they come with CAN FD interfaces.



(Photo: IMC)

The internal short-term UPS (un-interruptible power supply) has been converted from lead-gel batteries to environment-friendly and maintenance-free Super-Caps. As another new feature, the products support characteristic curve processing in the conditioners. This allows user-defined, non-linear characteristic curves to be processed directly on the measurement amplifier and to not burden the online Famos integrated analysis platform. This is available for real-time calculations, as well as for open- and closed-loop controls.

The configuration package remains the same consisting of 8- or 16-channel precision measurement amplifiers, digital inputs, and outputs as well as pulse counter inputs (e.g., for incremental encoders) and analog outputs.

The devices are suitable for measurements in mobile applications and for measurement and control tasks on test stands. "The C-series is very popular with our customers. Especially in applications with small to medium channel numbers, the devices offer convincing features for a small amount of money. With the newly installed CAN FD interface, our customers are already equipped for the future. And even in the Classical CAN mode, the more powerful processor and the resulting higher performance make a positive impression", says Martin Riedel, Head of Product Marketing at IMC.

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