CAN Newsletter Online

STEPPER MOTOR

Configurable via USB or Bluetooth

Camozzi (Italy) has introduced the DRCS series of CANopen drives. The product can be configured wireless and by means of USB.

The CANopen drive can control stepper motors with two phases and micro-stepping feed (Photo: Camozzi)

The launched CANopen drives can control stepper motors with two phases and micro-stepping feed. They are able to calculate the normal resonance frequency of the motors and optimize their driving. The availability of eight digital inputs allows the realization of a table of 256 commands, for each of which it is possible to set position, speed, acceleration, and deceleration. The drive features a feedback by means of incremental encoder.

The products are compliant to the CiA 301 application layer and the CiA 402 CANopen profile for drives and motion controllers. To configure the drive, wired (USB 2.0) or wireless (according to BL-BLE Bluetooth protocol) connections can be used. The Italian supplier provides the QSet configuration software to be used on the company's PLC (programmable logic controller). The wireless NFC near-field communication interface is suitable for reading diagnostic information and forward it to the Internet.

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