

Connecting sensors, switches, and LEDs

The LF-CAN of Roth & Rau Ortner is an RFID (radio-frequency identification) read/write device that can be linked to multiple devices. It connects to sensors, displays, and LEDs.

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The operating temperature of the device ranges from 0 °C to +50 °C (Photo: Roth & Rau Ortner)

THE DEVICE WORKS IN THE FREQUENCY RANGE of either 125 kHz or 134,2 kHz. Its integrated CAN interface enables networking between multiple devices. The company says the LF reader provides users with secure, quick identification of products and production lots. The device is able to read and write any conventional LF transponder. Two inputs and outputs allow sensors, switches, and LEDs to be connected directly.

Every LF-CAN reader has a daisy chain CAN I/O interface for the connection of multiple reading devices in a bus structure. Communication with a superordinate system takes place via a CAN controller (CAN2Web Advanced, the CAN controller from the company). This model is therefore also suitable for systems featuring multiple identification articles e.g. in storage systems. The product comes in various housing types and is optionally available with adjustable RF power.