News Release

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Loop-powered temperature transducers
Dual-channel temperature transmitters with HART compatibility

Middletown, Pa. – Phoenix Contact introduces six new universal temperature transducers. These new additions to the MACX MCR family are loop-powered and have two channels.

The new modules include two non-Ex and two Ex I versions in two different mounting formats: head-mount and DIN rail-mount. The temperature transmitters support more than 28 different temperature sensors. The modules will also accept -20 mV to 100 mV and linear resistance ranges from 10 ohms to 2 kohms.

On the output side is a dedicated 4-20 mA signal with HART communication. At just 12.5 mm wide, the DIN rail-mountable modules save space in the cabinet. Both Ex and non-Ex DIN rail-mount versions can be ordered preconfigured by the factory, along with certificates of calibration. A head-mount, hockey puck format is also available.

Additionally, the transmitters offer high accuracy when transmitting measured values and control signals that are electrically isolated. The modules are rated up to SIL 2 according to IEC/EN 61508, so they can be easily designed into safety-related industrial automation applications. Approvals include ATEX, CSA, FM, EAC, and UL Class I, Division 2, making them suitable for worldwide use.

Learn more at www.phoenixcontact.com/MACX .

About Phoenix Contact
Phoenix Contact develops and manufactures industrial electrical and electronic technology products that power, protect, connect, and automate systems and equipment for a wide range of industries. Phoenix Contact GmbH & Co. KG, Blomberg, Germany, operates more than 50 international subsidiaries, including Phoenix Contact USA in Middletown, Pa.

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