********Highly compact and universal 4-way signal conditioner**

New to the Mini Analogue Pro range of signal conditioners from Phoenix Contact is the universal, freely-adjustable 4-way signal conditioner, Mini MCR-2-UNI-UI-UIRO. On the input side, current and voltage signals of up to 24 mA or 12 V can be applied. The required signal range can be freely set. On the output side, signals of up to 10.5 V or 21 mA can be freely selected. As such, when replacing field instruments, for example, the signals can be adjusted to suit the existing control systems or vice versa.

An integrated threshold value output combines the functions of a signal conditioner and threshold value switch in one housing. This enables alarms to be triggered without a digital output on the PLC. No complex programming is required at the controller.

In addition, the new signal conditioner offers all the system advantages of the product range on a width of 6 mm: thanks to the highly visible, easily accessible terminal points and plug-in connection terminal blocks, the device offers a high degree of convenience during installation. Large-surface marking areas enable complete loop identification despite the compact design. Current signals can be measured during operation without disconnecting the current loop. High signal quality is ensured by the latest transmission technology and safe electrical isolation with 3 kV test voltage. The extended supply voltage range of 9.6 V DC to 30 V DC and the wide operating temperature range of -40°C to +70°C also open up a wide range of possible applications. Configuration is either via DIP switch, free PC software, or wirelessly with the free smartphone app for Android.

**Ends**

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