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**New 868 MHz wireless module with Trusted Wireless 2.0**

The Radioline wireless system based on Trusted Wireless 2.0 technology from Phoenix Contact has been extended with a wireless module for the 868 MHz frequency band.

The wireless module uses the license-free frequency band with a maximum transmission power of 500 mW and enables easy signal transmission of I/O signals and serial data, especially in outdoor applications. The module is a simple and reliable solution for applications that are not time-critical, where signals must be transmitted across large distances of up to 20 km.

One special feature of the Radioline wireless system is I/O mapping, which distributes the signals in the system without prior programming. Inputs and outputs are assigned quickly by simply turning the thumbwheel and each wireless station can be modularly extended with up to 32 I/O extension modules. The wireless system can be used in industrial environments in Europe, for example in the water or wastewater sector or in the field of energy supply.

**Ends**

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