



**TRUSTED
WIRELESS**

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Radio Signal Connection via Modbus RTU

I/O signals from Phoenix Contact's [Radioline](#) systems can now be connected directly to control units via the Modbus RTU protocol. For this, the radio master wirelessly collects I/O signals from up to 250 radio stations and maps these to a centrally located Modbus register. This means that the entire radio network can be addressed via one single Modbus slave address. Communication with the control unit is provided via an RS-232 or RS-485 interface.

Remote field stations can be expanded in a modular fashion and individually grouped to facilitate any application scenario. A range of digital and analogue I/O modules is offered for this; these can process signals up to 230V. The radio communication itself is handled via Phoenix Contact's Trusted Wireless

2.0 radio technology, which ensures reliable transmission even in challenging industrial environments. The entire system can be configured very easily via rotary switches, except for the radio master's serial parameters, which are set up using free-of-charge software.

[Phoenix Contact](#), founded over 80 years ago, is a leading manufacturer of electric connection and industrial automation technology. 12,000 employees, 47 own sales companies and 30 sales partner worldwide ensure customer proximity.

Our work is dedicated to the creation of progress with inspiring, innovative solutions and to a trusting partnership towards our customers and partners with common benefits.

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