

Wireless Data Transmission

Allowing the wireless transmission of measurement values from gauge to PC, the IBRit-rf1 Radio Module is the latest development in interface technologies.

Communicating with up to 120 gauges, and with a maximum transmission distance of up to 200m, the wireless data transfer module connects via a port to your PC. The PC transmits address numbers to each gauge radio module where they are stored. The transmission of a measurement value is triggered simply by pressing the data key on the gauge module or on the gauge itself. An audible tone and visible light confirms a successful data transmission. Special data coding between the PC and the gauge radio module guarantees absolute data security.

Features

- User-friendly
- Full data security
- Low cost
- Compact size
- Long transmitter battery life
- Long transmission distance
- CE & FCC approval
- Audible/visual transmission confirmation
- Individually programmable
- Connects to all types of gauges
- Up to 120 transmitters per receiver
- Allows integration into SPC software

IBRit - rf1 - usb

The radio module IBRit - rf1 - usb serves as PC station for the wireless data transmission of measured values. The module is connected to an USB Port. The program IBR_SimKey is a simple PC software for the IBRit - rf1 series with following functions:

1. Programming of the gauge radio modules.
2. Displaying of received values for testing.
3. Data transfer to all Windows programs.

Code No: 25-604-001



IBRit - rf1 - mit1

Radio module for gauges with Mitutoyo Digimatic interface. *Plugable in calipers and dial gauges.*

Code No: 25-604-011



IBRit - rf1 - digi

Radio module for gauges with Mitutoyo Digimatic interface. *Plugable in calipers and dial gauges.*

Code No: 25-604-007



IBRit - rf1 - opto

Radio module for gauges with Opto RS-232 interface.

Code No: 25-604-014



Opto / 232

Adapter to connect IBRit - rf1 - opto radio modules to 9 pin. Sub-D connectors. *Connection to Height gauges...*

Code No: 25-604-004



IBRit - rf1 - prox

Radio module for gauges with Proximity interface.

Code No: 25-604-064



IBRit - rf1 - S233

IBRit - rf1 - SDial

Radio module for gauges with Power RS-232 interface.

Code No: S233 25-604-013
Code No: SDial 25-604-013A



IBRit - rf1 - tesa

Radio module for Tesa dial gauges of series Digico 2xx... 7xx.

Code No: 25-604-014T



IBRit - rf1 - mahr

Radio module for gauges with MarConnect interface.

Code No: 25-604-006



IBRit - rf1 - 232

The radio module IBRit - rf1 - 232 allows the connection of stationary gauges with RS-232 output and is universally programmable.

Code No: 25-604-008



Special versions of radio modules

Gauge radio modules with external antenna

The Standard IBRit - rf1 radio modules are delivered with an integrated antenna. For max. transmission power, all radio modules can be delivered with an external antenna.

Gauge radio modules with terminal strips

The IBRit - rf1 radio modules can be delivered optional with terminal strips for the connection of external switches for data transmission.

