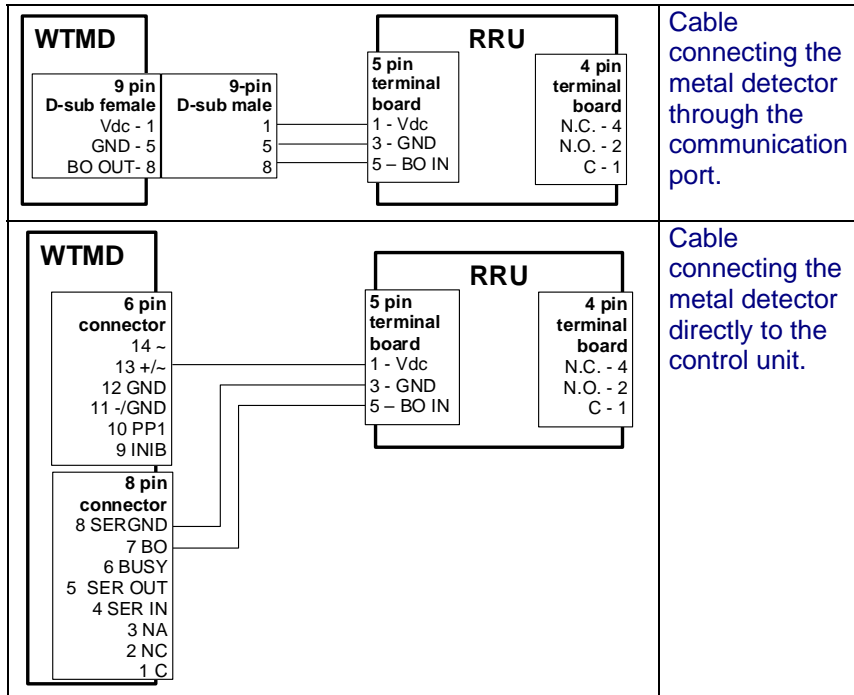


Cable electric diagram



RRU - Remote Relay Unit

Module of alarm signalling for CEIA Metal Detectors

Application note



Module **RRU** is a unit which can be connected to the **CEIA** Metal Detectors by means of the top and bottom communication port, used for repeating the detection alarms of the gate through a relay.

Description

Kit composition

- Cable connecting the metal detector.
- RRU unit
- Application notes (this sheet)

Output connector (relay contacts)

Status LED

Technical features

- Directly powered by the metal detector.
- Connection to the Walk-Through Metal Detector via serial interface
- Connecting cable length (towards Metal Detector): 3m / 10ft or 10m / 33ft.
- Relay rating: 0.5A –30Vac/dc max.

Operation

WTMD status	Output relay status	LED status
Normal	Pin C connected to pin N.C.	OFF
Alarm	Pin C connected to pin N.O.	ON

Field of application

The RRU unit can be connected to all CEIA stand alone Metal Detectors, with the following exceptions:

Model	Hardware version	Software version
02PN20	All	< 0151
PMD2/EN column version	< 7.0	All
PMD2/EW column waterproof version	< 6.0	All
MetCard	All	All
Classic, SMD600, HI-PE (all models), 02PN7.	All	All

Connections

ATTENTION!
Do not use the lower connection box!

ATTENTION!
Connect the wire inside the connection box!

STEP 1. Strip the end of the blue wire connected to the RS 232 socket.

STEP 2. Insert the blue wire into the power supply connector (the terminal to which a blue wire from inside the antenna is already connected).