

## 2 Connectors and cables

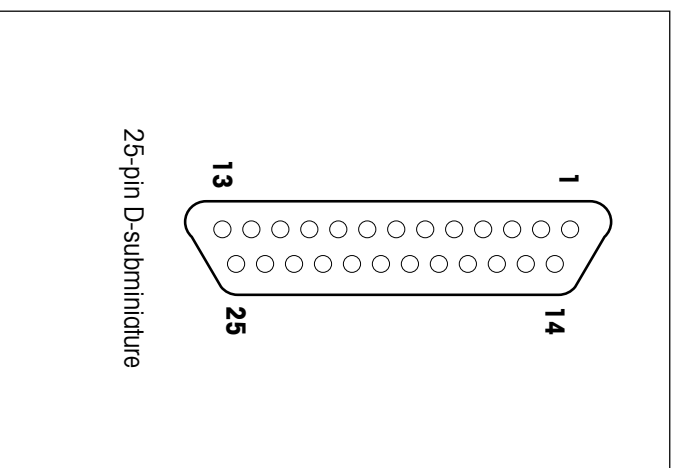
**Connector at ID20**  
24-pin round connector

**Cable**

Centronics cable, 25-pin D-subminiature, length 3 m Order No. 205682

**Note**

Longer cables are not possible for EMC reasons.



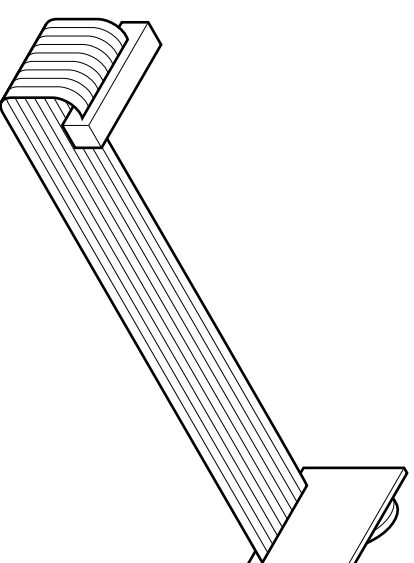
**Pin assignment**

Pin 1	Strobe
Pin 2	Data 0
Pin 3	Data 1
Pin 4	Data 2
Pin 5	Data 3
Pin 6	Data 4
Pin 7	Data 5
Pin 8	Data 6
Pin 9	Data 7
Pin 10	– Acknowledge
Pin 11	Busy
Pin 12	Paper empty
Pin 13	+ Select
Pin 14	– Auto Feed
Pin 15	– Error
Pin 16	– Init Printer
Pin 17	– Select Input
Pin 18	GND
...	...
Pin 24	GND

## Installation instructions

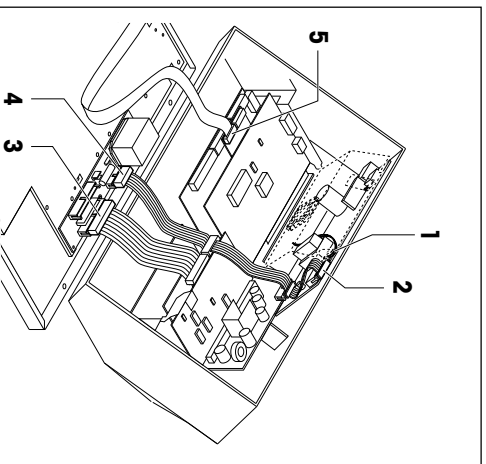
**METTLER TOLEDO** MultiRange  
Centronics interface

**METTLER TOLEDO**



## 1 Installation

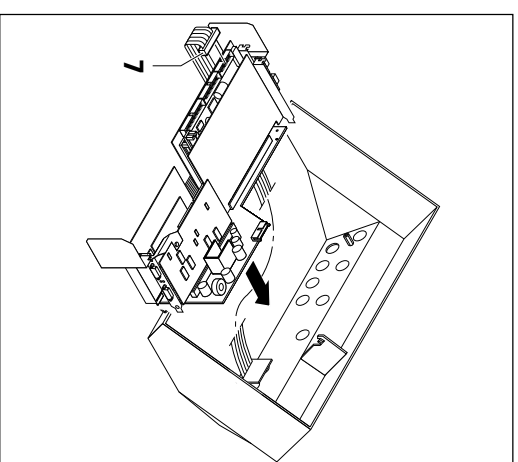
The ID20/ID20-... weighing terminals are equipped with 2 RS232 serial interfaces as standard. For the attachment of a printer, a Centronics interface can also be installed.



### Installing Centronics interface

- Switch off terminal, disconnect power plug.
- Unscrew 2 screws on underside of cover at front.
- Lift off cover and place face down in front of terminal on a clean, soft support.
- Disconnect graphics ribbon cable or LCD adapter board (5).
- Disconnect CAN bus cable at power supply board and backlighting board (2, 4).
- Disconnect keypad extension cable (3).
- Unscrew guard plate of power supply and disconnect fan cable (1).
- If need be, move all interface cables to the right.

- Undo ring nuts for scale connection 1, keypad, COM1 and CO2 at the rear of the terminal.
- Unscrew backplane and lift out complete with holder and plug-in cards.
- Remove heavy gauge nut and dummy stopper at the designated position.
- Unscrew ring nut (6) from the interface connection socket.
- Lead interface connection socket outward, screw on ring nut from the outside and tighten. Ensure correct seating of the rubber ring seal.



- Insert backplane with plug-in cards in the housing. Route the Centronics cable under the CPU to the front. The two side fastening plates must be exactly level with the top edge of the bottom housing.
- Tighten 4 ring nuts at rear of terminal. Ensure correct seating of the rubber ring seals and spacer washers.
- Fasten backplane with screw to the spacer bolt.
- Plug Centronics cable (7) into the CPU.
- Plug in all cables.
- Install guard plate of power supply.
- Engage cover from the back with the 2 screws and fasten underside of cover at the front.

