

ED12

General

The external display ED12 can be directly connected to the RS232 connector of a SICOLOG, SICO2B, or DL16CAN, and can show up to 16 different signals. It is backlit and has a contrasty 3.5 digit display with a digit height of 12.7 mm. The output text has the following meaning:

- no signal
- signal out of representable range

The displayed signal is chosen by the rate switch, and the update rate can be set with the average switch. The threshold poti is implemented for future use.

The displayed signals are configured with a Windows .NET4 application which is integrated in TEMES (*Tools > External display ED12*).



Figure 1: External display ED12.

Pin Assignment

The socket of the ED12 is manufactured by Binder and part of Binder Series 719. The socket pins (in front view) are numbered clockwise starting with the first pin after 12 o'clock position. The first pin is respectively labeled at the solder side (back view).

The socket can be directly connected to the RS232 connector of a SICOLOG, SICO2B, or DL16CAN.

Pin	Assignment
1	RX
2	Ground
3	TX
4	Supplying voltage (8...16 V DC)
5	Not connected

Scope of Supply

- ED12 box
- Adapter cable for PC programming (for ED12 box, serial port, and power supply)
- Adapter cable for concurrent GPS and ED12 access (for RS232 connector of a signal converter or data logger, GPS connector, and ED12 box)
- Extension cable

Technical Data

Property	Description
Box dimensions:	72 mm × 50 mm × 15 mm
Weight:	60 g
Power supply:	8 V DC to 16 V DC
Typical current consumption:	60 mA