RS-232/Centronics interface

Hardware Option 236 043

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Operating Instructions

Doc. Version: 9401-100-A

Application

From firmware version 2.50 onwards STABILOCK can support the RS-232/Centronics Interface option. This interface is primarily for printing out masks/measurement protocols with conventional printers (output format: Epson Graphic). But it is also possible to run serial data communication via the RS-232 branch of the interface with the test item or any other item of equipment that is also fitted with an RS-232 interface.

All settings for the RS-232/Centronics Interface (printer selection, protocol of the data communication) are described in the GENERAL PARAMETERS section (Chapter 12). In Chapter 8 in the IEEE section "Special Commands for Easier Programming" you will find the input and output commands that are necessary for data communication.

Technical Data

Baud rate	110/150/300/600/1200/2400/4800/9600 Bd
Transfer protocol	7/8 bits, even/odd parity, 1/2 stop bits
Socket connectors	25-way, submin D

Installation of interface

1. Switch the Communication Test Set off.

2. Unscrew the cover plate from locations 6 or 8 on the rear. If these slots are already occupied by a Control Interface (slot 6) or the Data Module (slot 8), you will have to remove one of them. The Control Interface can continue in operation in slot 5. If this slot is also occupied already (Mod Generator B), one of the options will have to be dispensed with.

3. Slide the RS-232/Centronics Interface into slot 6 or 8 as far as it will go and screw it in place.

Performance check

1. Call up the Status mask with $\boxed{\text{AUX}}$ + $\boxed{\text{DEF.PAR}}$ + $\boxed{\text{STATUS}}$.

2. Call up the Options mask with $\boxed{\text{OPTIONS}}$ and check that the installation of the interface is acknowledged by the message `installed`.

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