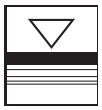
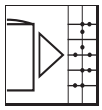
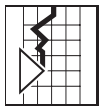
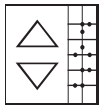
ZBA 117R/09/en/03.02
No. 51002836

Appendix of the operating manual




Memo-Graph

DP-Slave-Module _is Pro Gate®
("profibuscoupler") V1.51 upwards

Connection of Memo-Graph to PROFIBUS DP via serial interface with _is Pro Gate® of ifak system GmbH

Endress+Hauser
The Power of Know How

1 General

1.1 Transportation damage ?

Attention: Please inform both your supplier and shipping agent!

1.2 Complete delivery ?

- these operating instructions
- the DP-Slave-Module _is Pro Gate with user manual

- serial interface connecting cable for Memo-Graph
- disk with GSD-file and bitmaps

Please inform your supplier immediately if anything is missing!

Please take note of the following characters:

Hint: Hints for better installation/operation.

Attention: Ignoring this note can lead to damage of the device or faulty operation.

1.3 Used terms

Profibuscoupler: Even from now the term for _is Pro Gate is **profibuscoupler**.

PROFIBUS-master: All facilities like PLC, PC plug in cards, etc. which fulfil a PROFIBUS-master function are called **PROFIBUS-master** from now on.

2 Installation

2.1 Requirement

The option is only available:
- with a new CPU-board up the unit number xx 542041 (CW12/2000)
- without the "old" PROFIBUS DP option (PROFIBUS Listener) RSG10-E(F,G,H)xxx
- Memo-Graph firmware V2.50 upwards

Hint: The profibuscoupler has to be connected to the serial RS232-interface at the backside of Memo-Graph.

Attention: If the profibuscoupler is cable-connected, the serial interface at the front is not useable!

2.2 Connections/terminal layout

Interface RS232 (backside of Memo-Graph):

Sub-D-connector DIN 41652, jack, 9-pins

Hint: Leave open unused ports

Pin Memo-Graph	profibuscoupler	Colour
5	GND	green
2	RxD	white
3	TxD	brown

	profibuscoupler	
RS485	3	Data B
	8	Data A
	5	GND

Power supply: 24 V DC / 100 mA

2.3 Functionality

The profibuscoupler is the connection of Memo-Graph to PROFIBUS DP, with the functionality of a DP-slave with cyclic services.

Supported baud rates 45,45k, 93,75k, 187,5k, 500k, 1,5M, 3M, 6M und 12MBaud.

2.4 Termination impedance

The profibuscoupler comes with integrated termination impedances, reside behind the front panel.
Place e.g. a screw-driver in the slit between front panel and clamps and cancel the front panel carefully.
Bridgeover the three opened wrap connexions with the existing plug-in jumpers.
Reinstall the front panel by pressing powerfully. Please take account of the hole for the LED.