

Installation instructions PROFIBUS Master Simulator



History

Revision	Date	Description	Responsible
1.00	2012-02-08	First release	KaD

1 Master Simulator Overview

The Master Simulator is an easy-to-use tool to test the PROFIBUS functionality of any fieldbus device. Two versions are available: one basic version for PROFIBUS-DP only, and a full version for both PROFIBUS-DP and DP-V1.

The automatic Slave identification functionality permits communication to almost any PROFIBUS slave device, even if the normally required GSD-file is not available. The Master Simulator permits address assignment of the PROFIBUS slaves via the bus and it is able to display and analyze diagnostic messages of PROFIBUS slaves on the screen.

The connection to the PROFIBUS interface of the slave device is made via an RS-232 to PROFIBUS converter, which is built-in into a small D-SUB connector housing. This converter is connected to the PC's COM-Port via a serial connection cable, which is included in the package.

2 Installation Instructions

1. Insert your CD. The CD will autostart.
(If the CD menu does not start, go to Explorer. Browse the CD and run SLCDMENU)



2. Select "Install the Profibus Master Simulator Software".
Follow the onscreen instructions.
3. Insert the PROFIBUS converter's serial interface into the PC.

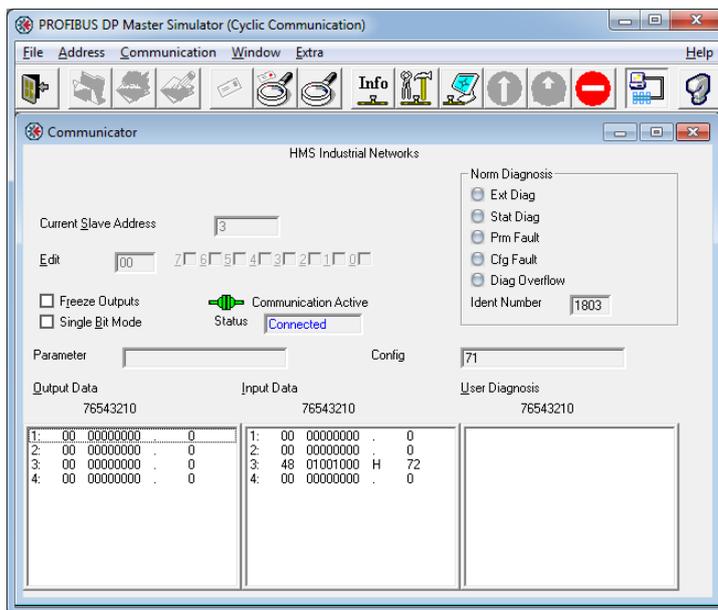
3 Getting Started

Start the PROFIBUS Master Simulator.

Set the current slave address. Click “Easy Start” from the

Communication menu, and click OK when notified that the outputs may be modified.

You are now connected.



4 Troubleshooting

Symptom:

The I/O sizes in the slave have been changed since being connected to the Master Simulator, but when you connect the slave again the old I/O sizes show up.

Solution:

Change the slave address on the slave and reconnect using the new slave address.