Information for the Configuration of MA4x DP-k

If the parameter setting for the INPUT Words (default is 10) and / or OUTPUT Words (default is 4) should be changed, the first step is to do the new setting for the MA4xDP-k with the Software“Com-Pro“. After that the new setting is to set in the PLC Profibus configurator together with the GSx-file.

Preparation of the MA4xDP-k for configuration

Switch positions at MA4xDP-k: Switch Betrieb/Service to Service ➔ Position 1
Switch BCL/Profibus to Profibus ➔ Position 2
Note: Bridge on 9-pin Service plug from Pin 4 to PIN 8 set with power up

Working with Software „Compro“
The complete description is available as part in the „Manual / technical description MA40DP-k/MA41DP-k/ MA42DP-k“. You can order it printed directly from Leuze electronic or as file-Download in the Internet from www.leuze.de/ Download, Identify, Modular interfacing units.

After Download of the Software you start it: cprun.bat
➔ Message / Info ... [Cr]
➔Window with headline to select controls :arrow keys [Cr],[Esc]

Step 1: always „ ReSTART“
Select: Online [Cr]
➔ Select : System [Cr]
➔ Select : REstart [Cr]
➔ Message „Are Shure?“ [Cr]
➔ 2.Message [Cr]
➔ wait for Response >> connect supply voltage to MA !!
➔ Restart is finished.

Step 2: Upload of database to check / set the IN/OUT Parameters (from MA to PC):
Select: Online [Cr]
➔ Select: Database[Cr]
➔ Select : upload [Cr]
➔ Overview of setting [Cr] >> second [Cr] starts transfer !!
[Esc] [Esc]
Select : Database [Cr]
➔ edit [Cr]
➔ Modules [Cr]
Display of Module configuration, Modules/Settings can be edited !!
[Module changes with „SPACE“ key]

Step 3: Download of database (from PC to MA):
Select: Online [Cr]
➔ Select : Database[Cr]
➔ select : download [Cr]
➔ Message „Are Shure?“ [Cr]
➔ Download prosess a counter runs in big steps downwards !

After successful configuration the Service plug should be taken off the sub-D, set the DIP-Switches of the MA (except address) to default and switch OFF power and ON again.