

## **Replacement of the CPU's PCD6.M2xxx by the CPU PCD6.M300**

The CPU's PCD6.M210, PCD6.M220, PCD6.M230, PCD6.M250 and PCD6.M260 are not longer available and are replaced by the CPU PCD6.M300.

In order to exchange the CPU's PCD6.M2xx by PCD6.M300 some details are to be noted:

### **Hardware**

PCD6.M210 is replaced by a PCD6.M300 and 4 additional PCD7.F120

PCD6.M220 is replaced by a PCD6.M300 and 2 additional PCD7.F110 and 2 PCD7.F120

PCD6.M230 is replaced by a PCD6.M300 and 2 additional PCD7.F130 and 2 PCD7.F120

PCD6.M250 is replaced by a PCD6.M300 and 4 additional PCD7.F130

PCD6.M260 is replaced by a PCD6.M300 and 4 additional PCD7.F110

### **Connection of the serial interfaces**

PCD6.M2xx has 25 pin connectors, PCD6.M300 has 9 pin connectors. Either modify the wiring or adapters are to be used.

### **Software compatibility**

The PCD6.M300 does not support the protocols P800 and MM4.

The PID algorithm has been modified and cannot be used for older programs. To work with the old PID the algorithm is to be forced with the instruction "SYSWR R 998" placed in the XOB 16.

ALGI and ALGO work only in firmwares from V002.

PCD6.M3 works with the older memories PCD6.R1 and R5.

### **Programming tools**

A programming tool with the possibility to configure the PCD6.M300 is to be used:

PCD8.P3 version  $\geq 2.1$  or PCD8.P4 version  $\geq 1.4$ .

A cable PCD8.K111 is to be used.

### **Modules PCD6.H2xx**

If PCD6.H2xx stepper motor modules are used, programming routines PCD9.H2xx, version 1.3 must be applied to support the faster CPU PCD6.M300 in combination with PCD6.Hxxx modules..

### **Modules PCD6.H3xx**

If PCD6.H3xx servo drive modules are used, programming routines PCD9.H3, version 2.1 must be applied to support the faster CPU PCD6.M300 in combination with PCD6.Hxxx modules.