

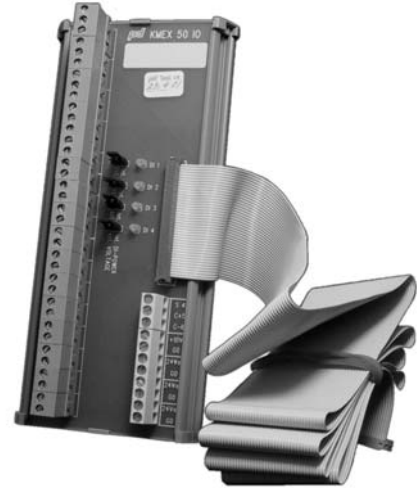
## KMEX 50 IO CONNECTION MODULE

KMEX 50 IO module is made for connecting field equipment to the EXCEL 50-system.

I/O's are connected to the terminals, and the module is connected by the flat cable to the connector "BLOCK B" at the EXCEL 50. No more wiring is required for the EXCEL 50 I/O's. KMEX 50 RE module is used for relay outputs. The bus of EXCEL 50 is connected to the free wires of the flat cable [1. (red) =C+, 2. = C- and 3. = S].

Digital inputs are either, potential free contacts (coding "int.") or, active external 24Vdc signals (coding "ext.").

Plug-in terminals and the state indication LED's of the digital inputs make commissioning and service easier.



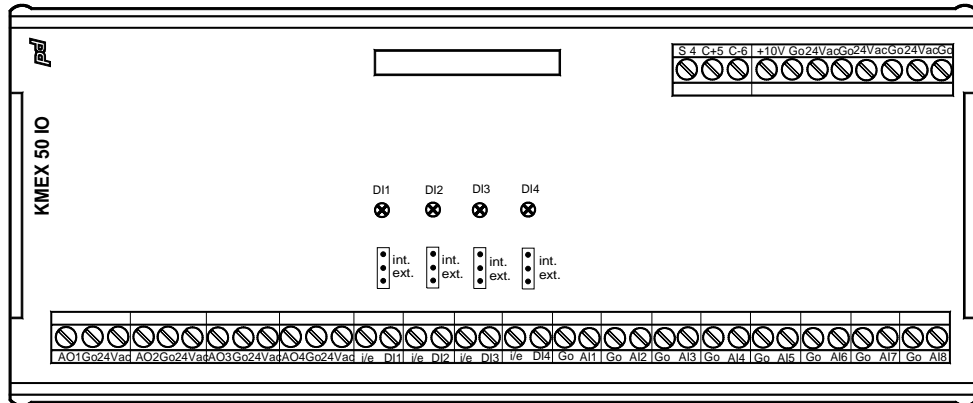
| Model Types           | Model           | Description   |
|-----------------------|-----------------|---|
|                       | <b>KMEX50IO</b> | KMEX50IO Connection Module  |
| <b>Technical Data</b> | Power Supply    | 24Vac   |
|                       | Input Signals   | 4 x Digital Inputs, volt free or 24Vdc inputs (selection via jumper)<br>8 x Analogue Inputs |
|                       | Output Signals  | 4 x 0..10Vdc analogue outputs   |
|                       | Terminals       | Accept 2.5 mm <sup>2</sup> , plug-in  |
|                       | Flat Cable      | 1200mm x 0.14 mm <sup>2</sup>   |
|                       | Dimensions      | 192W x 78H x 56D mm   |

**Wiring Terminals**



**The electrical installation, device connection and commissioning can only be carried out by qualified professionals and according to the local wiring regulations!**

- |     |                                    |       |                                  |
|-----|------------------------------------|-------|----------------------------------|
| S4  | - shield (3.=wire, flat cable)     | +10V  | - 10Vdc auxialiry voltage output |
| C+5 | - C+ bus (1.=red wire, flat cable) | Go    | - 0V                             |
| C-6 | - C- bus (2.=wire, flat cable)     | 24Vac | - 24Vac power supply             |
|     |                                    | Go    | - 0Vac                           |



- |        |                                   |        |                                      |
|--------|-----------------------------------|--------|--------------------------------------|
| AO1..4 | - 0..10Vdc outputs                | DI1..4 | - Digital Inputs, volt-free or 24Vdc |
| Go     | - 0V                              | AI1..8 | - Analogue Inputs                    |
| 24Vac  | - 24Vac supply e.g. for actuators | Go     | - 0V                                 |