

## External I/O modules



For the extension of the build-in I/O's of our Sedomat controllers and for the modular design of automation concepts of controllers without internal I/O's we offer you external Input/Output peripherie units with PROFIBUS DP® interface, including digital and analog inputs and outputs. The Profi16 and Profi32 were specially designed for the automation of textile finishing machines and are compatible with modules from other suppliers.

## Optimized for the use in textile finishing

### PROFIBUS DP®:

PROFIBUS DP® is a world wide accepted standard field bus for the connection of inputs, outputs, frequency inverters, PLC components, sensors, valves, remote displays etc. This standard industry bus has been chosen as part of our open connectivity strategy.



The field bus concept significantly reduces the panel building overhead by eliminating a large part of the wiring.

World wide, thousands of PROFIBUS DP® ready peripherals are available so providing an enormous choice of components. This flexibility and freedom of choice will have a positive effect on performance and price of the machine automation.

The PROFIBUS DP® field bus is supported by Siemens, Klöckner Moeller, Mitsubishi, Matsushita, Allen-Bradley, Omron, Weidmüller, Wago, Lenze, KEB, Hitachi, Festo, Parker, etc.

### Concept:

- All inputs are equipped with green, all outputs with red LED's.
- All inputs and outputs are optical isolated.
- 4 Status-LED's showing the actual status.
- All connections equipped with plug-in terminals.
- Ready to use PROFIBUS DP® cable in desired length on request.

### Specifications:

#### Inputs:

2 analog inputs  
0 - 20mA or 4 - 20mA.  
2 PT100 temperature inputs  
0-150° C (Option: 0-200° C).  
16 (32 for Profi32) digital inputs  
2 counter inputs 800 Hz

#### Outputs:

4 analoge outputs  
0 - 20mA or 4 - 20mA.  
16 (32 for Profi32) digitale outputs  
(max. 0,5A/output)

#### Fieldbus:

PROFIBUS DP® Slave

#### Power supply:

24V DC (19-32V)

#### Dimensions Profi 16:

243,3 x 133 x 54,6mm ( w x h x d ).

#### Dimensions Profi 32:

359,9 x 133 x 54,6mm ( w x h x d )

#### Head office:

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Technical specifications are subject to change without prior notice.