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Main advantages

Wide range of passive interfaces

This range contains passive signal-conditioned interfaces for digital and analogue signals. Weidmüller sees the usefulness of passive interfaces in the context of industrial interface and the communication between two systems. Weidmüller offers a large variety of functions:

- Identification
- Signal conditioning
- Test points
- Additional LEDs
- Pin diodes

Wide range of relay-conditioned interfaces

Weidmüller’s range includes models with 5, 12, and 16 relay functions to offer the possibility of installing digital signals in electrical cabinets. The systems feature a defective relay detection (DRL), and an LED to indicate active states. The relays are available in different lengths. The interfaces are available with a compact design (6 mm relays) or standard (RCL relay), with additional features including:

- Switch in coil and contact
- Fuse in contact
- 1 or 2 CO contacts
- Pole contact
- 1 or 2 DRL.

Guaranteed connection

The original PLC connector is on one end of the cable and standard connectors are on the other end. Relay-conditioned interfaces are designed for digital signals and GEMO connectors for analogue signals. Available in different lengths.

Wide range of universal solutions

For PLC input/output cards

Aimed at reducing costs, and saving space and time in the construction of electrical cabinets, the universal cabling system for PLCs is provided as an effective alternative to end-to-end cabling design. Weidmüller offers a wide range of universal solutions for PLCs from Beijer Compact Logix to Rockwell Compact Logix.

The interfaces can be used as an interface to connect between the control and the process. The interfaces are supplied as an interconnection element between the control and the process. The interfaces are supplied with tension clamp or screw connection. Those interfaces, with a compact design, provide different functions such as LEDs, fuses, disconnectors or relays.

The pre-assembled cables are supplied with the manufacturer’s own connector at one end and are available in different lengths.

Product Finder and automatic selection guides:

To help you choose the right products for your application, Weidmüller offers this Product Finder with a selection table which can be found on the following pages.

In addition, on our website, we have an automatic selection guide, using intuitive software that can help you to choose the appropriate interface cable for your Input/Output cards. This can be found at www.weidmueller.com.

Wide range of relay-insulated interfaces

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32758 Detmold, Germany
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F +49 5231 14-292083
info@weidmueller.com
www.weidmueller.com

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Universal solutions for PLC input/output cards

Central alarm recording and easy access to data allow the construction of electrical cabinets. Weidmüller offers products that provide an effective alternative to end-to-end cabling design. Weidmüller offers a wide range of universal solutions for PLCs from Beijer Compact Logix to Rockwell Compact Logix.

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## Interfaces and Pre-assembled cables for GEFANUC 90-30

1. The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
2. The interfaces are intended to be used inside an IP20 enclosure at least.
3. Please, always take into account the characteristics of the PLC card (voltage, current…) when selecting interfaces. In some cases, the card can work at 12V and use a 5V PLC.

### Selection table for digital input/output cards with direct wiring interfaces

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>Description</th>
<th>Code</th>
<th>Qty</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital input</td>
<td>8 DI, positive logic</td>
<td>7789063xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Digital output</td>
<td>8 DO</td>
<td>7789064xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Digital input</td>
<td>8 DI</td>
<td>7789066xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Digital output</td>
<td>8 DO</td>
<td>7789067xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Digital input/output</td>
<td>16 DI</td>
<td>7789064xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Digital input/output</td>
<td>16 DO</td>
<td>7789067xxx</td>
<td>1</td>
<td>unit</td>
</tr>
</tbody>
</table>

### Selection table for analogue input/output cards with direct wiring interfaces

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>Description</th>
<th>Code</th>
<th>Qty</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analogue input</td>
<td>8 AI</td>
<td>7789064xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Analogue output</td>
<td>8 AO</td>
<td>7789067xxx</td>
<td>1</td>
<td>unit</td>
</tr>
</tbody>
</table>

### Selection table for digital output cards with isolated interfaces

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>Description</th>
<th>Code</th>
<th>Qty</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital output</td>
<td>8 DO</td>
<td>7789064xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Digital output</td>
<td>16 DO</td>
<td>7789067xxx</td>
<td>1</td>
<td>unit</td>
</tr>
</tbody>
</table>

### Selection table for digital input cards with isolated interfaces

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>Description</th>
<th>Code</th>
<th>Qty</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital input</td>
<td>8 DI</td>
<td>7789063xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Digital input</td>
<td>16 DI</td>
<td>7789063xxx</td>
<td>1</td>
<td>unit</td>
</tr>
</tbody>
</table>

### Selection table for analogue input cards with direct wiring interfaces

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>Description</th>
<th>Code</th>
<th>Qty</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analogue input</td>
<td>8 AI</td>
<td>7789064xxx</td>
<td>1</td>
<td>unit</td>
</tr>
<tr>
<td>Analogue input</td>
<td>16 AI</td>
<td>7789064xxx</td>
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</tr>
</tbody>
</table>

*Please choose the proper module and plug for the PLC module. See the table for proper wiring.*
*For some PLCs, the card can work at 5V or 12V. For example, the code ends in 830. The cable ends in 30*.