Interfaces and Pre-assembled cables for GeFanuc 90-30
Let’s connect.

As experienced experts we support our customers and partners throughout the entire lifecycle with products, services and solutions in the industrial environment of power, signal and data. We aim at an efficient design and operation and know the technological challenges of tomorrow. We therefore continuously develop innovative, customer-specific and useful solutions for your individual needs. Together we are strong in Industrial Connectivity.

Universal solutions for PLC input/output cards

Aimed at reducing costs, and to save 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 products and solutions for Rockwell CompactLogix:

• The interfaces are used as an interconnection element between the control and the process, and 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.

Wide range of passive interfaces

The range includes passive input/output interfaces for digital and analogue signals. The interfaces are available in a large variety of functions:

• LED indication
• Fuse
• Disconnectors
• Test points

Wide range of relay-based interfaces

The range includes inverters with 8-12 and 16 relays, which allows for the assembling of digital signals into a standardised format. Selection of the interfaces can be found on the following pages.

• 3 or more inputs or outputs (IOH relays) with additional functions such as LEDs, fuses, disconnectors or test points.
• 1 or 2 IO contacts.

Guaranteed connection

The original PLC connector is on one end of the cable and standard connectors are on the other end: ribbon cable with fixing housing for digital signals and SUB-D connector for analogue signals. Available in different lengths.

Wide range of relay insulated interfaces

Available in versions with 8-12 and 16 relays, the RSM family offers the possibility of insulating digital signals in input and output cards.

Options include:
• Switch in coil and contact
• Fuse in contact
• 1 or 2 CO contacts

Main advantages

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All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. In addition, we can also send the general terms of delivery to you.

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.

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Further information or samples you can order here:
http://galaxy.weidmueller.com/wi_plc
In the case that an input/output card does not appear in this table, you can check our online PLC selection guide at www.weidmueller.com where you will find the most up-to-date information.

### PLC Cables Interfaces

<table>
<thead>
<tr>
<th>H2008 System</th>
<th>Quantity: 1 unit (by card) or required</th>
</tr>
</thead>
<tbody>
<tr>
<td>O2008 System</td>
<td>Quantity: 1 unit (by card)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Interface</th>
<th>Device Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI</td>
<td>IC693MDL645</td>
<td>16 DI, positive logic</td>
</tr>
<tr>
<td>DO</td>
<td>IC693MDL340</td>
<td>16 DO</td>
</tr>
<tr>
<td>AI</td>
<td>IC693ALG221</td>
<td>4 AI, without LED</td>
</tr>
<tr>
<td>AO</td>
<td>IC693ALG392</td>
<td>8 AO, voltage applications</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Interface</th>
<th>Device Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AO</td>
<td>IC693MDL753</td>
<td>32 DO</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Interface</th>
<th>Device Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relay 1CO 16A</td>
<td>1312000000 1312010000</td>
<td>24 V DC Input</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Interface</th>
<th>Device Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relay 2CO 8A</td>
<td>1449210000 1449230000</td>
<td>1 Changeover</td>
</tr>
</tbody>
</table>

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1. PLC selection guide for the corresponding type
2. Selection table for digital input/output cards with direct wiring interfaces
3. Selection table for analogue input/output cards with direct wiring interfaces
4. Selection table for digital output cards with isolated interfaces
5. Selection table for digital input cards with isolated interfaces

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*Note: the selection tables for components of the PLC module are given in a later listing format. In cases where the card number equals the switch number, the switch number must be taken into account.*