Advancements are constantly being made in semiconductor technology. The market demands are changing rapidly, driven by the need for higher performance, lower power consumption, and increased integration of functionality. This requires a deep understanding and technological expertise of the underlying principles.

We have been continuously developing connectors, sockets, and sockets for the past several years. Today, our product portfolio is divided into four main areas:

1. **Power supply & peripherals**
   - Integrated PCB plug-in connector for use with heavy-duty power supplies.
   - Includes PCB terminals and connectors, in 5.08 pitch, with “PUSH IN” or screw wire connections.

2. **Core unit**
   - Includes PCB plug-in connectors for heavy-duty power supplies.
   - Features specific solutions and increased security details for automation and systems technology.

3. **Fieldbus interface**
   - Supports fieldbus interfaces for automation and systems technology.
   - Includes PCB plug-in connectors for use with heavy-duty power supplies.

4. **OMNIMATE Signal connector**
   - BLZP 3.50, B2CF 3.50, BL 3.50, BL-I/O 3.50, BCF 3.50, OMNIMATE Signal PCB terminals

OMNIMATE – Device Connectivity

Let’s connect.

1. **Power supply & peripherals**
   - Provides power to neighbour modules as well as sensor-actuator interfaces.
   - Features specific solutions and increased security details for automation and systems technology.

2. **OMNIMATE Signal connector**
   - BLZP 3.50, B2CF 3.50, BL 3.50, BL-I/O 3.50, BCF 3.50

OMNIMATE – Partner in Industrial Connectivity.

Looking for more detailed information? Visit our online catalogue at http://catalog.weidmueller.com


OMNIMATE – Device Connectivity

Let’s connect.

You have strict requirements for industrial controls
We connect them to the technology of the future
Let’s connect.

OMNIMATE – Partner in Industrial Connectivity.

Looking for more detailed information? Visit our online catalogue at http://catalog.weidmueller.com


OMNIMATE – Device Connectivity

Let’s connect.

You have strict requirements for industrial controls
We connect them to the technology of the future
Let’s connect.

OMNIMATE – Partner in Industrial Connectivity.

Looking for more detailed information? Visit our online catalogue at http://catalog.weidmueller.com


OMNIMATE – Device Connectivity

Let’s connect.

You have strict requirements for industrial controls
We connect them to the technology of the future
Let’s connect.

OMNIMATE – Partner in Industrial Connectivity.

Looking for more detailed information? Visit our online catalogue at http://catalog.weidmueller.com


OMNIMATE – Device Connectivity

Let’s connect.
PCB BL-I/O plug-in connectors with PUSH IN connections for the most compact solution

RJ45 or fibre-optic

Communication through industrial-quality plug-in bus connectors for single conductor connections, bus interface.

directly in the component assembly or connected through a interfaces based on RJ45 and FO which are either located

The Ethernet protocol has become the standard for commu-

established on the back, as in the CH20M electronics housing.

Alternatively, continuous contact for the DIN-rail buses can be

bus interfaces to the individual modules on the front plate.

Secure plug-in connectors with integrated cross-connections

the input variables.

The core unit is at the heart of your controls. It contains

Rapid communication using IP6x junction boxes, couplings and plug-in connectors

international standard IEC 61076-3-106 (114).

position feedback. These are not only for devices, but for compo-

Based on our Industrial Ethernet components, we offer connec-

tion solutions in IP67 and IP65 for network connectivity and

Fieldbus system, e.g. PROFIBUS, PROFINET, CAN, SERCOS or

subassemblies which can be connected to an superordinate

data connectivity for your industrial controls. In particular, the

Weidmüller offers a product range tailored to the require-

you need extremely precise signal processing – in the

To ensure plant operation as automation steadily increases,

signals in both digital and analogue form.

Modern controls in block or sliced construction need a modular,

Electronics housings carry out a multitude of functions: They

scalable, universal housing concept.

Modern controls in block or sliced construction need a modular,

Electronics housings carry out a multitude of functions: They

scalable, universal housing concept.

The CH20M (Component Housing IP20 Modular) system offers

thereby become the interface in the electronics cabinet between

components and their operating and display elements. They

integrate, protect, isolate and connect the individual electronics

Electronics housings carry out a multitude of functions: They

scalable, universal housing concept.

Modern controls in block or sliced construction need a modular,

Electronics housings carry out a multitude of functions: They

scalable, universal housing concept.

Modern controls in block or sliced construction need a modular,

Electronics housings carry out a multitude of functions: They

scalable, universal housing concept.