

EASY CONNECTION OF FIELDBUS NETWORKS

with Helmholz PROFINET gateways

www.helmholz.com

Helmholz®
COMPATIBLE WITH YOU

PN/PN Coupler



Features

- Galvanic & logic separation of the networks
- Up to 1024 bytes of I/O data exchange
- Data record transfer with up to 4096 bytes
- Configuration only with GSDML, no further software needed

Product info
PN/PN Coupler

ORDERING DATA	ORDER NO.
PN/PN Coupler	700-158-3PN02

DP/PN Coupler



Features

- Up to 244 bytes I/O data exchange
- Configuration only with GSD/GSDML, no further software needed
- PROFIBUS up to 12 Mbps

Product info
DN/PN Coupler

ORDERING DATA	ORDER NO.
DP/PN Coupler	700-158-3DP02

PN/ModbusTCP Coupler



Features

- Up to 1024 bytes data exchange
- 300 configurable slots for PROFINET I/O data
- Supports the full ModbusTCP address range
- Supports multiple ModbusTCP clients access

Product info
PN/ModbusTCP Coupler

ORDERING DATA	ORDER NO.
PN/ModbusTCP Coupler	700-159-3MB02

PN/EtherNetIP Coupler



Features

- Up to 3 input and 3 output assemblies
- Up to 1024 Bytes data
- Simple configuration and clearly structured monitoring
- High degree of safety through electrical isolation

Product info
PN/EtherNetIP Coupler

ORDERING DATA	ORDER NO.
PN/EtherNetIP Coupler	700-160-3EN02

PN/MQTT Coupler



Features

- Send PLC data via PROFINET I/O to the local broker or the cloud
- MQTT Publish/Subscribe
- Machine developer decides which data may be exchanged
- Separate networks for PROFINET and MQTT connection

Product info
PN/MQTT Coupler

ORDERING DATA	ORDER NO.
PN/MQTT Coupler	700-162-3MQ02

PN/EtherCAT Coupler



Features

- Up to 600 byte input & 600 byte output data
- 100 slots for I/O data
- Possibility for automatic module configuration on the EtherCAT side

Product info
PN/EtherCAT Coupler

ORDERING DATA	ORDER NO.
PN/EtherCAT Coupler	700-161-3EC02

PN/CAN-Gateway



Features

- Transmission objects can also be transmitted cyclically
- Automatic and controlled reception and transmission objects for CAN frames with project-compatible identifiers

Product info
PN/CAN-Gateway

ORDERING DATA	ORDER NO.
PN/CAN-Gateway, PROFINET/CANopen Master	700-670-PNC01

PN/CAN-Gateway



Features

- CANopen slave device according to CANopen protocol DSP 301
- Up to 16 TPDOs / 16 RPDOs
- Up to 1420 bytes of input data and 1420 bytes of output data on PROFINET

Product info
PN/CAN-Gateway

ORDERING DATA	ORDER NO.
PN/CAN-Gateway, PROFINET/CANopen Slave	700-672-PNC01

PN/CAN-Gateway



Features

- Up to 512 different CAN messages can be configured
- Supports CAN 2.0A (11 bit identifier) and CAN 2.0B (29 bit identifier) in accordance with ISO 11898-2

Product info
PN/CAN-Gateway

ORDERING DATA	ORDER NO.
PN/CAN-Gateway, PROFINET/CAN Layer 2	700-671-PNC01

PN/CAN-Gateway



Features

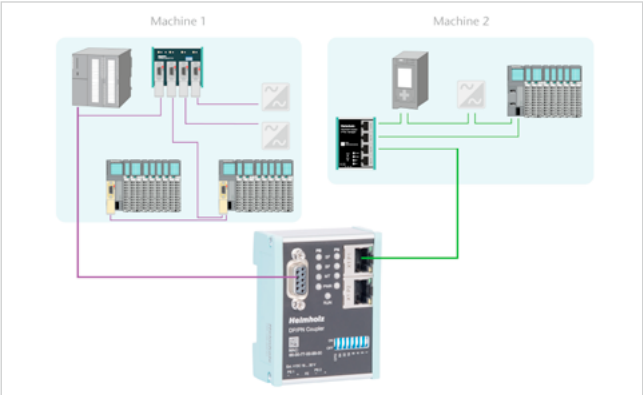
- Complete SAE J1939 device
- Broadcast and TP protocols
- Supports PDU1 format (dynamic DA) and PDU2 format (group extensions)

Product info
PN/CAN-Gateway

ORDERING DATA	ORDER NO.
PN/CAN-Gateway, PROFINET/CANopen SAE J1939	700-673-PNC01

Your advantages when using a Helmholz PROFINET gateway

With our PROFINET gateways, we make it possible for you to link machines with one another directly at the I/O level. Achieve a seamless data flow between systems from various manufacturers, irrespective of the PLC used.



- ✓ Galvanic & logic separation of networks
- ✓ Simple commissioning
- ✓ No programming necessary
- ✓ Configuration only with GSDML/GSD files
- ✓ Compact design for installation on DIN rails
- ✓ Redundant power supply

Also interesting

PROFINET SWITCH, 4/8/16-PORT, MANAGED

Save time and costs by **connecting** up to **16 network participants** with the PROFINET switches. The managed switches support PROFINET according to **Conformance Class B** and offer transmission security through ring redundancy as an MRP client.



Product highlights:

- Prioritizing of PROFINET frames
- Variants with 4/8/16 ports
- Integration into the automation network with GSDML file
- Simple configuration and diagnosis via PROFINET and web interface
- Space-saving design for the DIN rail

Product info
PROFINET switch

Find your appropriate gateway!

Regardless of whether PROFINET, PROFIBUS, ModbusTCP, EthernetIP, MQTT, or CAN – secure your customized network solution for permanent access to machine and systems.

Please request an individual quote at:
Phone +49 9135 7380-0 | E-mail sales@helmholz.de

Discover gateways now!

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