



EASY CONNECTION OF FIELDBUS NETWORKS

with Helmholz PROFINET gateways

PN/PN Coupler V2



Features

- Galvanic separation of the networks
- PROFINET transmission rates of 100 Mbps
- No influencing of the opposite side in the event of bus system failure



[Product info](#)
PN/PN Coupler V2

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PN/PN Coupler V2

ORDER NO.

700-158-3PN02

DP/PN Coupler V2



Features

- PROFIBUS up to 12 Mbps
- PROFINET transmission rates of 100 Mbps
- Setting of the PROFIBUS addresses using DIP switches or software



[Product info](#)
DP/PN Coupler V2

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DP/PN Coupler V2

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700-158-3DP02

PN/ModbusTCP Coupler



Features

- 300 configurable slots for PROFINET IO data
- Supports the full ModbusTCP address range with free assignment of IO data



[Product info](#)
PN/ModbusTCP Coupler

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PN/ModbusTCP Coupler

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700-159-3MB01

PN/EthernetIP coupler



Features

- Simple configuration and clearly structured monitoring
- High degree of safety through electrical isolation
- MQTT publisher on both network sides



[Product info](#)
PN/EtherNetIP Coupler

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PN/EtherNetIP Coupler

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700-160-3EN02

PN/MQTT coupler



Features

- Send PLC data via PROFINET IO to the local broker or to the cloud
- MQTT Publish/Subscribe
- Machine developer decides which data may be exchanged



[Product info](#)
PN/MQTT coupler

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PN/MQTT coupler

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700-162-3MQ02

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

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PN/CAN gateway, PROFINET/CANopen master

ORDER NO.

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

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PN/CAN gateway, PROFINET/CANopen slave

ORDER NO.

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

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PN/CAN gateway, PROFINET/CAN Layer 2

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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

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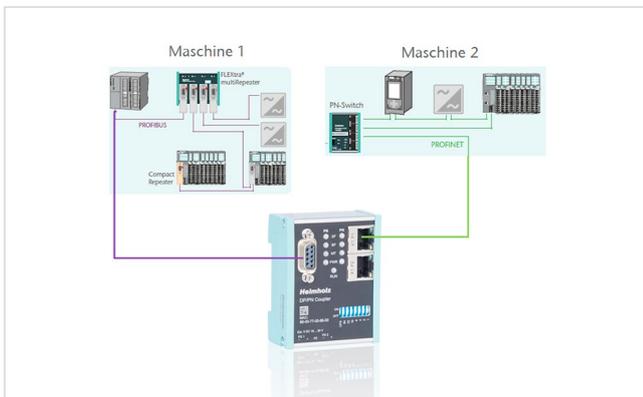
PN/CAN gateway, PROFINET/CANopen SAE J1939

ORDER NO.

700-673-PNC01

Your advantages when using a Helmholtz 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.



- ✓ Simple commissioning
- ✓ No programming necessary
- ✓ Configuration only with GSDML/GSD files
- ✓ Compact design for installation on DIN rails

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!