



# EASY CONNECTION OF FIELDBUS NETWORKS

with Helmholz PROFINET gateways

### 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

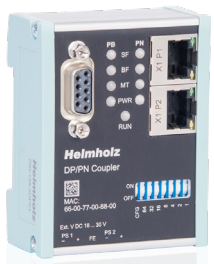
#### ORDERING DATA

PN/PN Coupler

#### ORDER NO.

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

DP/PN Coupler

#### ORDER NO.

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

PN/ModbusTCP Coupler

#### ORDER NO.

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

PN/EtherNetIP Coupler

#### ORDER NO.

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

PN/MQTT Coupler

#### ORDER NO.

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

PN/EtherCAT Coupler

### ORDER NO.

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

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

### ORDERING DATA

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

### ORDERING DATA

PN/CAN-Gateway, PROFINET/CAN Layer 2

### ORDER NO.

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

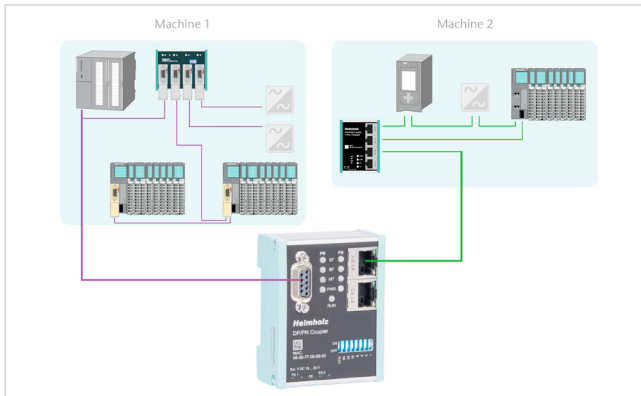
PN/CAN-Gateway, PROFINET/CANopen SAE J1939

### 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.

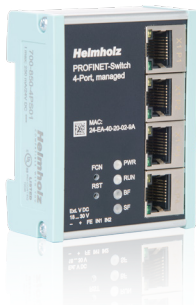


- ✓ Galvanic & logic separation of networks
- ✓ Simple commissioning
- ✓ No programming necessary
- ✓ Configuration only with GSDML/GSD files
- ✓ Compact design for installation on DIN rails
- ✓ Redundant power supply

## 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](tel:+49913573800) | E-mail [sales@helmholz.de](mailto:sales@helmholz.de)



Discover  
gateways  
now!