Seamless data flow across networks

The new PN/EtherNetIP Coupler from Helmholz is here

The PN/EtherNetIP Coupler enables data exchange between the PROFINET Controller and EtherNet/IP-PLC. Connect PROFINET and EtherNet/IP machines easily and without complications.

The new PN/EtherNetIP Coupler comes in a compact design and offers the practical and affordable solution for smooth data transfer.

Received input data on one of the network sides is made available as output data on the other network side of the PLC. The IO data transfer takes place live and as quickly as possible, without additional handling blocks.

The maximum size of the transmittable I/O data is 1,024 bytes. Up to 3 input and 3 output assemblies can be configured on the EtherNet/IP network side. 300 configurable slots are available for PROFINET IO data.

Easy integration – without additional software tools

The incorporation into the PLC engineering tool is made possible by a GSDML file on the PROFINET side; extra configuration software isn't necessary. The configuration of the IO data to be exchanged is carried out in the respective engineering tool.

An EDS file compatible for the configuration can then subsequently be downloaded by the PN/EtherNetIP Coupler from the website and used for the configuration of the EtherNet/IP PLC.

In addition to the PROFINET / EtherNetIP communication, the PN/EtherNetIP Coupler also makes an MQTT Publisher available on both network sides. In this way, the values exchanged via the gateway can also be distributed via MQTT to visualization or operating data recording systems.
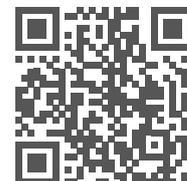
Customer satisfaction is the top priority for Helmholz, and this does not stop with the sale of the products. All automation solutions from Helmholz encompass both application support and additional services, in order to design the use of products efficiently and comfortably.

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Product advantages:

- **Simple configuration and clearly structured monitoring**

- **High degree of safety resulting from electrical isolation**

- **Space saved in the switch cabinet due to compact design**

- **MQTT publisher on both network sides**

PN/EtherNetIP Coupler

View product information online!