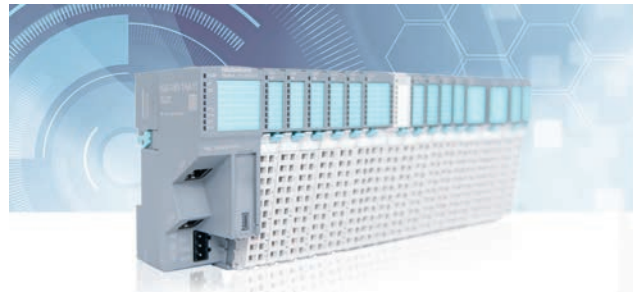## DISTRIBUTED FIELDBUS I/O SYSTEM

TB20

The I/O system for a variety of application areas; fieldbus-overarching and proven in practice.

3-part module structure | Freely definable auxiliary contact (auxiliary terminal) | Up to 1,024 inputs/outputs per configuration possible | Hot-swap-capable modules

2, 3, 4, 6, 8-channel modules for digital and analog signals | 16-channel modules with a narrow installation width

Counter modules | SSI encoder interface | Serial communication | Energy meter | High-feature modules | Digital mix modules | DMS weighing module

TB20 ToolBox V2

Software for: Elegant planning and configuration | Diagnostics in real time | Symbol import/export | Simulation mode

Bus couplers

Direct supply of the I/O level, power module already integrated | Each I/O module can be used on all bus couplers without restriction | Up to 64 modules per bus coupler

THE FOLLOWING FIELDBUSES ARE CURRENTLY SUPPORTED:

PROFINET PROFIBUS CANopen EtherNet/IP

Modbus EtherCAT DeviceNet

NETWORK COMPONENTS FOR IOT AND PROFINET

Industrial Remote Solutions | Industrial Ethernet | Fieldbus Applications | Distributed fieldbus I/O system

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Helmholz
COMPATIBLE WITH YOU

INDUSTRIAL REMOTE SOLUTIONS

REX 100, Ethernet Router
WAN | 3G | LTE (EU & NAG) | WiFi

REX 200/250, Ethernet Router
WAN | LTE | WiFi
Optional with PROFIBUS and serial interface

myREX24 V2 Portal – Secure IOT remote machine access
Remote maintenance | Visualization | Alarming | Protocoling

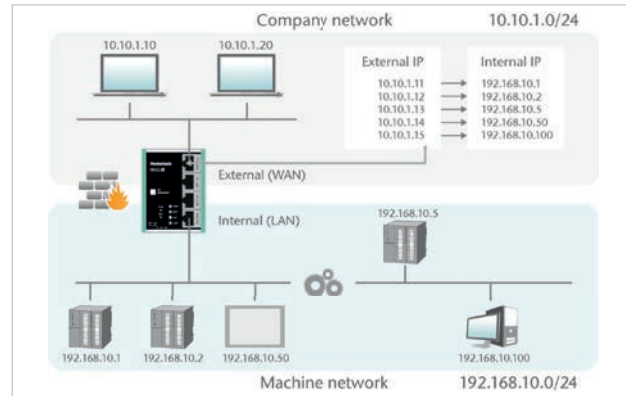**myREX24 V2 virtual** – Machine access and data sovereignty in your hands
User-friendly | Scalable | Complete data sovereignty

INDUSTRIAL ETHERNET

WALLIE, Industrial NAT Gateway/Firewall
Secure communication and simple addressing

WALL IE securely protects your automation network against unauthorized access.

Ethernet Switch, 5/8/16-port, unmanaged, 10/100/1000 Mbps
Industrial Ethernet networked smartly

Industrial Ethernet Connector, RJ45, EasyConnect®, 1000 Mbps
180°

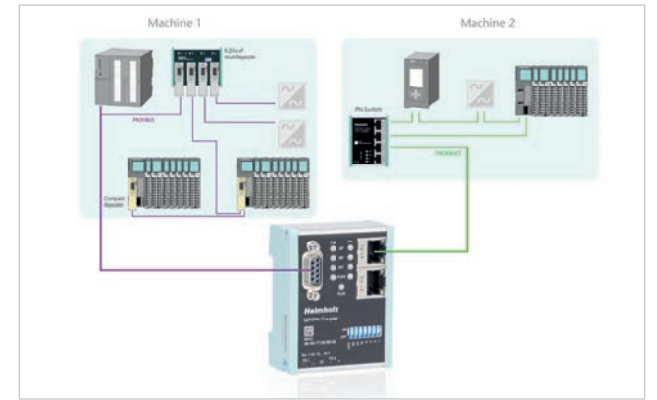**PROFIBUS Ethernet Gateway**
NETLink® PRO Compact

FIELDBUS APPLICATIONS | PROFINET

PROFINET/PROFINET Coupler
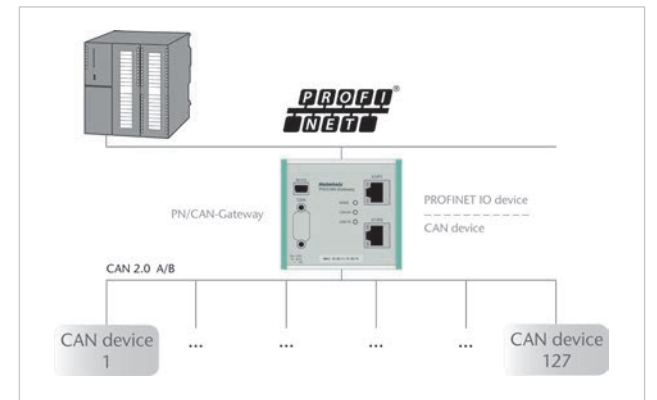Connection of PROFINET networks

PROFIBUS/PROFINET Coupler
Connection of PROFIBUS and PROFINET networks

PROFINET/Modbus TCP Coupler
Connection of PROFINET and Modbus networks

PROFINET/CAN Gateway
PROFINET/CANopen® | PROFINET/ CANopen® Slave | PROFINET/CAN Layer 2

PROFINET Switch 4/8/16-port, managed
Innovative Network Automation

COMING
SOON

PROFINET Switch 8-port, managed, IP67
Also available as Ethernet Switch 8-port, unmanaged
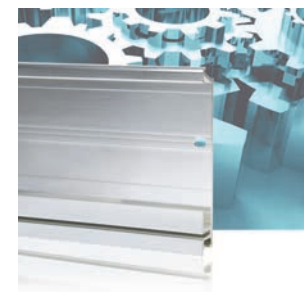

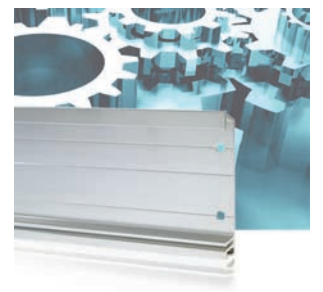**PROFINET Connector, RJ45**
90° | 145 | 180°

COMPONENTS FOR S7

Memory Cards
for the 1200/1500 series

Micro Memory Cards
for the 300 series

Mounting rail
for the 1500 series
from 70 mm to 2000 mm

Mounting rail
for the 300 series
from 160 mm to 2000 mm