For Fieldbus to Serial or Ethernet conversions
- Short I/O data conversion time lower than 20 msec
- Extremely space-saving compact design
- Loadable firmwares for flexible use of many conversions

I/O protocol gateway for basic conversions

netTAP 50 is a protocol converter for simple conversions. netTAP 50 converts 1-port Real-Time Ethernet, fieldbus and serial automation protocols. Slave to slave or slave to master conversions are supported. As a master, netTAP 50 provides full master functionality to one slave device only. This makes it easy to integrate a single field device into any higher-level network.

The design impresses with a cost-optimized, compact hardware implementation being reduced to the elementary requirements of a protocol converter. The converter addresses market segments which set the focus on cost savings. The cost-reduced design combined with its countless conversion possibilities makes netTAP 50 an attractive gateway in terms of price and universality.

netTAP is configured and diagnosed by the universal FDT/DTM technology based configuration tool SYCON.net. LED indicators are visualizing status information for rapid on-site diagnostics. The protocol conversions are pre-programmed and loaded as firmware into the device on demand. Conversions needing the same physical network interface can be managed by a single device variant. So a device can be for example a PROFIBUS slave on one hand or a PROFIBUS master by a simple firmware change on the other.
Product Information

Technical Data

**Operating temperature**
±0 ... +60 °C

**Power Supply**
+18 ... +30 V / 130 mA @ +24 V

**Dimensions (L x W x H)**
100 × 25 × 70 mm (without connector)

**Weight**
80 g

**Diagnostic Interface**
Ethernet, RJ45 female connector

**Displays**
SYS, COM, LINK, Rx / Tx, protocol specific

**Configuration**
SYCON.net, Windows® 7 or higher

**Connector**
Mini-COMBICON 2-pin

**Mounting**
DIN-Rail, DIN EN 60715

**Certification**
CE Sig, UKCA

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### Technical Data

<table>
<thead>
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<th>RS232/485/422</th>
<th>ASCII</th>
<th>CANopen</th>
<th>CC-Link</th>
<th>DeviceNet</th>
<th>PROFIBUS</th>
<th>EtherNet/IP</th>
<th>Modbus TCP</th>
<th>Modbus RTU</th>
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</table>

**Ordering example:** PROFIBUS Master to EtherNet/IP Slave = NT 50-DP-EN

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*Master license included; supports Master functionality to one slave (Modbus RTU/TCP without limitations)

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*The maximum convertible number of I/O data of a protocol combination is determined by the protocol with the lower amount if I/O Data.

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Note: All technical data may be changed without further notice.