Serial-Profibus Coupler

echolink one2ProfibusDP

echolink one2ProfibusDP connects via serial interface various automation components with Profibus networks.

For the coupling of serial devices following protocols are available: Modbus, ASCII, RTU, 3964R. Alternatively, customer-specific adjustments can be made.

The simple configuration allows instant connection without additional programming or modification of existing software and hardware.

Therefor all devices without Profibus interface can be integrated easy and convenient into the Profibus networks.

Specifications:

- **Power supply**: 10 to 30 V
- **Dimension [in mm], without connector**
  - H = 100, W = 23, D = 115
- **Mounting**: DIN rail
- **Serial interfaces**
  - RS232, RS422, RS485
- **Baud rate of serial port**:
  - 110 baud to 625 Kbaud
- **Operating temperature**: -20 °C to 70 °C
- **Certificates**: CE and Profibus
- **Bus connection**: 9pol. D-SUB connector
- **Bus data**: 244 bytes I/O
- **Bus baud rate**:
  - Automatic recognition
- **Galvanic isolation**:
  - Optional for the serial side
  - Standard on the Profibus side

Features:

- One solution for all devices with serial interface (RS232, RS422, RS485)
- Compatible with major PLC providers such as Siemens, Schneider, Rockwell, etc.
- Easy configuration without programming
- Supports Profibus DP V0, DP V1 and DP V2
- SSI protocol will be supported
- Isolated Profibus RS485-interface
- Optional custom protocol adaptation
- A large number of diagnosis LEDs signal the state of the device on the Profibus side as well as on the serial side.
- Suitable for use in cabinet (IP24)

Order data:

echolink one2ProfibusDP	Order no.: 200-2310-DP

Stand: 12.2009

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Connecting simply Profibus networks

INAT Industrial Networks for Automation Technology