

PROFIBUS connector, RJ45, **EasyConnect**[®]

The field-assembled RJ45 connectors for PROFINET, EtherCAT, and Modbus are easy and quick to install. The industrial-grade metal housing provides the necessary ruggedness so that the plug can be used in many industrial applications.

To save the user time in wiring, the RJ45 connectors are to be assembled in one step using the quick-connect technology **EasyConnect**[®]. Solid single wires and strands can be used, and the color-coded contact elements help prevent connection errors. Currently, RJ45 industrial connectors with axial and 90°-angled cable outlets are available. With a PROFINET cable of up to 100 m length, Ethernet components such as a PROFINET station can be connected. In addition, the RJ45 connectors are designed in protection class IP20 and for transmission rates up to 100 Mbit/s.

FEATURES

- Color-coded connector contact elements help to prevent connection errors
- Transmission rates up to 100 Mbps
- No loose individual parts
- Tool-free installation
- **EasyConnect**[®] RJ45 connection (IDC) for industrial applications
- For PROFINET, Modbus and EtherCAT

ORDERING DATA

PROFINET connector, RJ45, 180°, **EasyConnect**[®], 10/100 Mbps

ORDER NO.

700-901-1BB10

PROFINET connector, RJ45, 90°, **EasyConnect**[®], 10/100 Mbps

700-901-1BB20

The PROFINET connectors are also available in packs of 10 pieces.

TECHNICAL DATA

Dimensions in mm (D x W x H)	
Order No. 700-901-1BB10	56.5 x 16.4 x 14.0
Order No. 700-901-1BB20	43.5 x 40.5 x 16.2
Weight	
Order No. 700-901-1BB10	Approx. 30 g
Order No. 700-901-1BB20	Approx. 35 g
Cable outlet	
Order No. 700-901-1BB10	180°
Order No. 700-901-1BB20	90°
Transfer rate	max. 100 Mbps
Interfaces	
PROFINET	RJ45
Maximum outside diameter	6.7 mm
PROFINET cable	4 x AWG 24 or AWG 22
Connector type	EasyConnect [®]
Ambient temperature	-20 °C ... +70 °C
Transport and storage temperature	-40 °C ... +80 °C
Relative humidity	max. 95 %
Protection rating	IP 20