700-901-1BB10

PROFINET Connector



- Color-coded contact elements help to avoid 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
- 180° axial cable outlet

Info

The field-assembled RJ45 connector for PROFINET, Modbus, and EtherCAT is 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 connector can be assembled in a single step using the fast connection technology EasyConnect®. Solid single wires and strands can be used. The color-coded contact elements also help avoid connection errors.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 Mbps.

Technical data

General information	
Order number	700-901-1BB10
Article name	PROFINET connector, RJ45, EasyConnect®, 180°
Scope of delivery	PROFINET connector, installation instructions
Dimensions (DxWxH)	56.5 x 16.4 x 14.02 mm
Weight	Approx. 30 g
PROFINET interface	
Number	1
Physical layer	Ethernet
Transmission rate	max. 100 Mbps
Connection	RJ45 connector
Connectors	
Cable outlet	180°
Connector type	EasyConnect®
Connectible cables	PROFINET cable
Cable cross-section	4 x 24 AWG or 22 AWG
Outside diameter	6.2 ... 6.7 mm
Ambient conditions	
Ambient temperature	-30 °C ... +70°C
Transport and storage temperature	-40 °C ... +80 °C
Relative air humidity	95 % r H without condensation
Pollution degree	2
Protection rating	IP20
Certifications	CE, UL