



Features

- ✓ 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
- ✓ 145° axial cable outlet

PROFINET Connector 145° 10/100 Mbit/s

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.

General information

Order number	700-901-1BB30
Article name	PROFINET connector, RJ45, EasyConnect®, 145°
Scope of delivery	PROFINET connector, installation instructions
Dimensions (DxWxH)	59.9 x 16.4 x 14 mm
Weight	Approx. 30 g

PROFINET interface

Number	1
Physical layer	Ethernet
Transmission rate	max. 100 Mbps
Connection	RJ45 connector

Connectors

Cable outlet	145°
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

Approvals

CE, UL

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