



PROFIBUS connector, 90° EasyConnect[®]

with PG

- Metalized housing
- No parts that can be lost
- Integrated switchable terminating resistor
- 90° cable outlet
- Quick-connect technology EasyConnect[®]
- Visual connection control
- The PROFIBUS connectors are also available in packs of 10 or 50
- The maximum ambient temperature for UL is +60 °C
- Integrated PG interface

With the aid of a visual connection control, it is also possible to check that the PROFIBUS cable is correctly connected after it is mounted. The housing is metalized for improved electromagnetic compatibility. The EasyConnect[®] connector works in the extended ambient temperature range of -25 °C to +85 °C.

Additional participants can be connected via the integrated PG interface.

Technical specifications

| | |
|-----------------------------------|--|
| General information | |
| Order number | 700-972-0BB50 |
| Article name | PROFIBUS connector, 90 °, EasyConnect [®] , with PG |
| Scope of delivery | PROFIBUS connector, installation instructions |
| Dimensions (DxWxH) | 72 x 40 x 17 mm |
| Weight | Approx. 40 g |
| Cable outlet | Vertical cable outlet, suitable for FastConnect stripping tool |
| PROFIBUS interface | |
| Number | 1 |
| Transmission rate | max. 12 Mbps |
| Connection | SUB-D connector, 9-pin |
| Terminating resistor | Resistor combination integrated and switchable using slide switch |
| PG connection socket | Yes |
| PROFIBUS bus cable | FC standard cable, solid or flexible; 0.64 mm Ø, 60/75 °C copper cable |
| Connector type | EasyConnect [®] |
| Maximum outside diameter | 8.0 mm |
| Voltage supply | +4.75 ... +5.25 V DC (must come from the device) |
| Current draw | Max. 12.5 mA |
| Ambient conditions | |
| Ambient temperature | -25 °C ... +85 °C (The maximum ambient temperature for UL is +60 °C.) |
| Transport and storage temperature | -25 °C ... +85 °C |
| Relative air humidity | 70 % at +25 °C |

| | |
|-------------------|--------|
| Pollution degree | 2 |
| Protection rating | IP20 |
| Certifications | CE, UL |
| CE | |
| RoHS | Yes |
| REACH | Yes |