700-972-0CA50



PROFIBUS Connector
180° EasyConnect®

- Metalized housing
- No parts that can be lost
- Integrated switchable terminating resistor
- Axial cable outlet
- The PROFIBUS connectors are also available in packs of 10 or 50
- The maximum ambient temperature for UL is +60 °C

Info

PROFIBUS connector - proven and worldwide in use.

The PROFIBUS connector axial EasyConnect® features quick-connect technology, making stripping of the bus wires unnecessary. 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.For improved EMC compatibility, the housing of the plug is metalized.The EasyConnect® connector works in the extended ambient temperature range of -25 °C to +85 °C.

Technical data

General information	
Order number	700-972-0CA50
Article name	PROFIBUS connectors, axial, EasyConnect®
Scope of delivery	PROFIBUS connector, installation instructions
Dimensions (DxWxH)	35 x 17 x 70 mm
Weight	Approx. 50 g
Cable outlet	Axial cable outlet, suitable for FastConnect stripping tool
Terminating resistor	Resistor combination integrated and switchable using slide switch
PG connection socket	No
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. 35 mA

PROFIBUS interface	
Number	1
Transmission rate	max. 12 Mbps
Connection	SUB-D connector, 9-pin

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
Approvals	CE, UL
RoHS	Yes
REACH	Yes