

Profibus connector



Products Description

The bus connectors are used to connect a PROFIBUS station to the PROFIBUS cable.

The bus connector is plugged directly onto the PROFIBUS interface (SUB-D connector, 9-way) of the PROFIBUS stations. The PROFIBUS cables are connected using 4-way screw terminals. The cable can be prepared for connection using the fast-connect stripping tool from Siemens.

The connector must be operated in node setting ("OFF") when the incoming bus (A1, B1) and the outgoing bus (A2, B2) are to be interconnected. The terminating resistors are then bypassed. The connector must be set as a segment end ("ON"), on the first and last (extreme) stations of the segment. In that case the terminating resistors are connected on the incoming bus, the outgoing bus is disconnected

| Specification                               | Order-No.      |
|---|----------------|
| 35°outgoing cable w/o prog<br>Metal shell   | 300 972-BA1000 |
| 35°outgoing cable with prog.<br>Metal shell | 300 972-BB1000 |

Technical Data

|                               |  |
|-------------------------------|--|
| Outgoing cable                | 35°  |
| Transmission rate             | 9.6K-12M BAUD                                  |
| Current consumption           | 12.5 mA  |
| Profibus cable                | 4 terminals for wires up to 1.0mm <sup>2</sup> |
| Demensions(L*W*H)             | 60*40*16mm                                     |
| Current consumption           | 4.75-5.25 V DC                                 |
| Ralative humidity             | 75% at +25 °C                                  |
| Weight                        | Aprox. 40g                                     |
| Transport/storage temperature | -25 °C --+80 °C                                |
| Oprating temperature          | 0 °C---60 °C                                   |