

1. Product Description

The AL-2601 and AL-2602 connectors shall be used to attach devices to PROFIBUS DP network. The AL-2601 and AL-2602 attach devices to PROFIBUS network, allowing device exchange without any interruption of data transmission in network (live insertion).

The AL-2601 shall be used to attach devices that are *not* in network segment end.

The AL-2602 shall be used to attach devices that are *in* network segment ends as these connectors contain the network *termination*.

Part Number	Description	Use
AL-2601	PROFIBUS connector	modules into segment
AL-2602	PROFIBUS Terminator connector	modules in segment ends

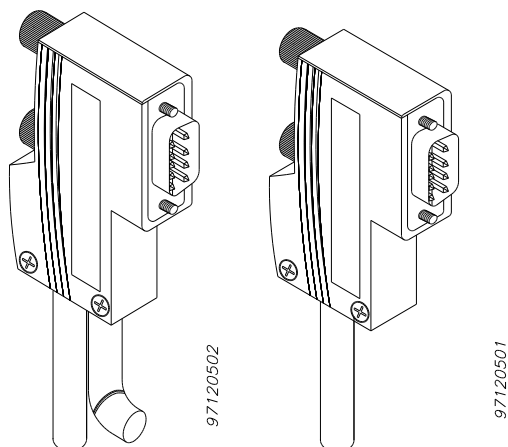


Fig 1: AL-2601 and AL-2602

2. Packing List

This product is composed only by:

AL-2601: PROFIBUS Connector

or

AL-2602: PROFIBUS Terminator Connector

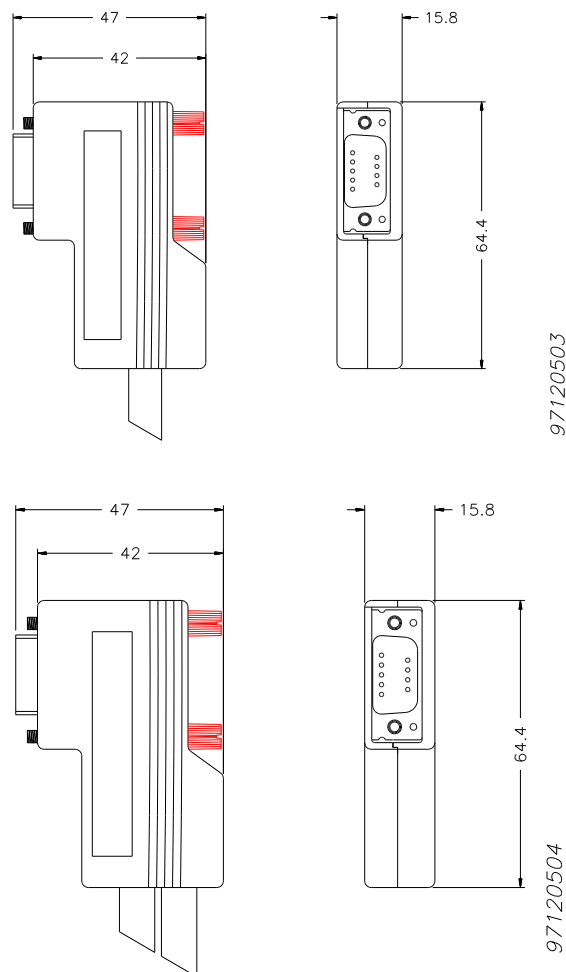
3. Functional Characteristics

3.1. General Characteristics

- Interface: PROFIBUS DP
according to EN 50170 standard
- Cable number:
2 for AL-2601
1 for AL-2602
- Maximum cable diameter: 7.5 mm
- Termination: AL-2602 only
according to EN 50170 standard
- Operation temperature: 0 to 60 °C
exceeding IEC 1131 standard
- Storage temperature: -25 to 75 °C
according IEC 1131 standard

- Operation relative humidity: 5 to 95% (no condensing)
according IEC 1131 standard, RH2 level
- Mean using life: 500 connections
- Dielectric Strength: 500 Vdc between signal pins and ground
(cable shield)
- Weight:
net:: 150 g
shipped: 200 g

4. Physical Dimensions



5. Handbooks

The AL-2601 e AL-2602 installation and using instructions can be found in PROFIBUS User's Manual.