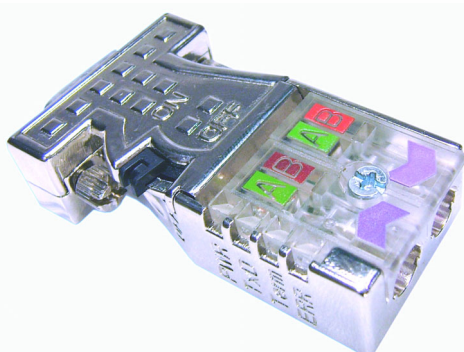
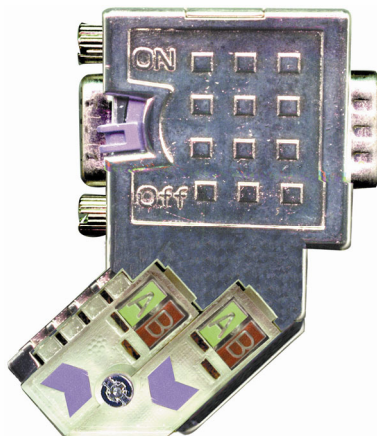
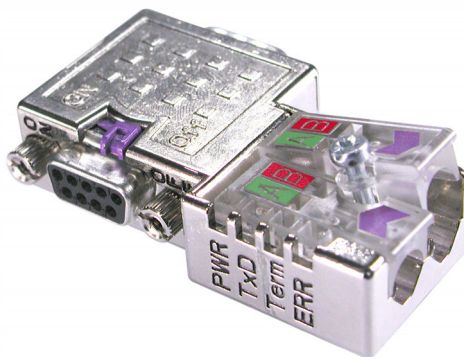




## VIPA Profibus Plug - EasyConn PB



### EasyConn PB

The bus connector **EasyConn** provides all test functions that speed up implementation and trouble shooting. Four LEDs, visible from two sides, indicate bus and device status.

The integrated **EasyConn** Controller works with a baudrate of up to 12Mbaud.

### Features

- Cable slots with transparent covers
- Metal case ensures high interference immunity
- Cable connection via cutting-clamps
- Captive single-screw installation system
- Integrated switchable terminating resistors
- Integrated PU/diagnostic socket\*
- 90° and 0° cable exit
- Status monitoring via integrated LEDs

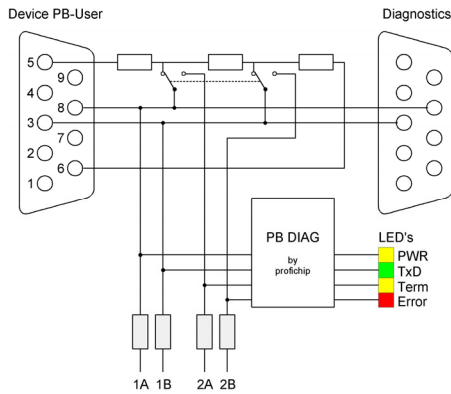
### Standard bus cable for fixed wiring

### Features

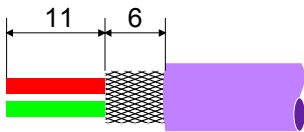
- Bus cable according to DIN 19245 and EN 50170
- Single core bare Cu wire
- 2 core stranded (red/green)
- Outer sheath PVC mixture (violet, RAL 4001)
- Flame-retardant acc. VDE 0472, Part 804, Proofing type B (IEC 332.1)

\* only EasyConn PB 90°

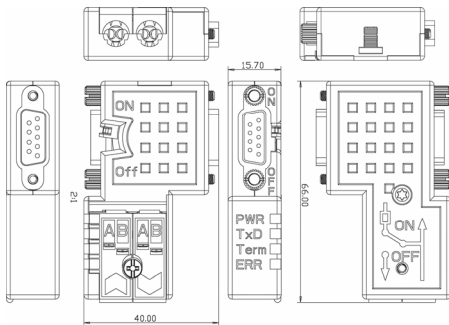
## Wiring diagram – Plug 90°:



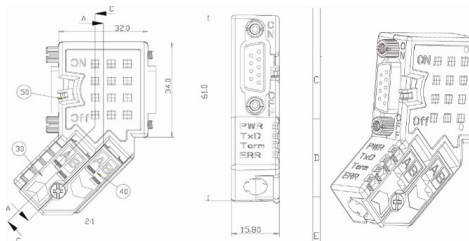
## Insulation Stripping:



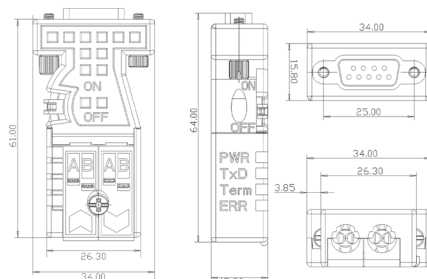
## Dimensions: VIPA972-0DP10



## Dimensions: VIPA972-0DP20



## Dimensions: VIPA972-0DP30



all dimensions in mm

\* only EasyConn PB 90°

Technical Data	EasyConn PB
<b>Connections</b> Profibus PG/diagnostics Insertion (withdraw.) cycle Cable diameter Fixing screws / max. tightening torque	9pole SubD pin headers 9pole SubD socket* mind. 200 8mm 4-40 UNC/0.4Nm
<b>Enclosure material</b>	die-cast zinc
<b>Voltage supply</b>  Power input	DC 4,75 ... 5,25 V (Supply comes from the terminal) max. 30mA
<b>Temperature range</b>	-20°C ... +75°C
<b>Insulation stripping lengths</b> Outer sheath Shield	incoming bus line    outgoing bus line 17mm                    17mm 11mm                    11mm
<b>Connection technology</b>	IDC technology
<b>Bus line</b>	not for cord core Type A (EN 50 170)
<b>Linear expansion</b> Transmission speed in kBit/s 9.6/19.2/45.45/93.75 187.5 500 1500 3000/6000/12000	assoc. segment lengths in m 1200 1000 400 200 100
<b>Status indication for bus test function</b> I LED yellow II LED green III LED yellow  IV LED red	voltage supply for device OK device active on the bus (flashing) no termination (off) termination active (on) internal terminating resistors faulty (flashing) bus state is OK (off) wrong power level (flashing) termination failure or not connected (on)
<b>Standard bus line</b> Flame retardant Test type Pair number/wire diameter External diameter Copper number Weight ca. Surge impedance Op. capacitance (800 Hz) Operating peak voltage Test voltage core/core $U_{eff}$ Wire resistance (loop) Mind. bend radius Temperature range	VDE 0472, Part 804 B (IEC 332.1) 1x2x0.64mm 7.8mm 26kg/km 57kg/km 150 ±15Ω max. 30nF/km 250V (not for heavy current usage) 1500V max. 110Ω/km 75mm -40°C ... +70°C
<b>Ordering information</b> EasyConn PB 90°  EasyConn PB 0° EasyStrip (Stripping tool) Bus line (25m to 1000m)	VIPA 972-0DP10 VIPA972-0DP01 (without integrated diagnosis) VIPA 972-0DP30 VIPA 905-6AA00 VIPA 830-0Lx00