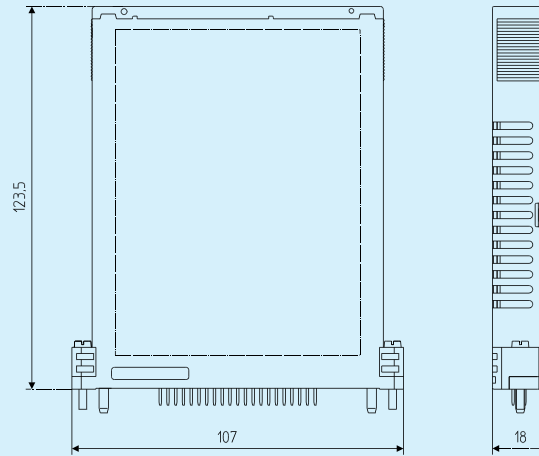


### Dimensions (all dimensions in mm)



### Mechanical data

Weight	approx. 150 g
Mounting type	can be plugged in module carrier 9161
Mounting position	vertical or horizontal
Casing protection (IEC 529)	IP 30
Casing material	Polyamide 6GF 25
Casing fire protection class	HB (UL standard 94)

### Ambient conditions

Operating temperature range	-20...+65 °C (for type 9150: -10...+65 °C)
Storage temperature range	-40...+70 °C
Relative humidity (no condensation)	≤ 95 %

## Replacement parts for the 91XX modules

	Ordering code
Cover for modules 91xx	<b>91 009 01 55 0</b>
Label sheet (perforated, in format DIN A4)	<b>91 009 01 85 0</b>

## Connection module for module carrier 9161

### Application

If a non I.S. signal to the automation system must be looped in or out instead of an I.S. signal, a connection module must be inserted in the appropriate plug-in position for the I.S. isolator (S01 .. S16). This produces a connection between X21 and X01. Each signal requires a connection module.

Each channel has a test socket as an aid to commissioning. For outputs a signal can be fed to the field via the test socket. For inputs, the signal coming from the field can be measured.

	Ordering code
Connection module, single channel, for 9161/..-16-..	<b>9191/VB-01</b>
Connection module, dual channel, for 9161/..-32-..	<b>9191/VB-02</b>

## Adapter 34 way pin connector to terminals

### Application

Used to connect cables to the monitoring / loop-in interface (X21, X22).

The adapter can be snapped onto DIN rails and connected to the X21, X22 interface using ribbon cable.  
Stranded cable  $\leq 2,5 \text{ mm}^2$ , single core  $\leq 4 \text{ mm}^2$ .

Examples:	Ordering code
Phoenix Type (2 post terminals)	<b>UM 45-FLK 34 (29 62 59 9)</b>
Phoenix Type (3 post terminals) or Weidmüller, Wago or similar	<b>UM 45-FLKS 34 (29 62 67 0)</b>

## Earthing set

### Application

Used to connect cable screens of the field cables. Fitting on module carriers 9161.  
Length: 300 mm. An earthing set is necessary for each 8 modules.

	Ordering code
Earthing set	<b>9191/ES-30</b>

## Accessories

	Ordering code
PC software for multi-purpose transmitter 9124; MS-Windows	<b>9699/20-01</b>
Parameterising cable for multi-purpose transmitter 9124	<b>9690/31-00</b>
Cold junction compensation for multi-purpose transmitter 9124	<b>9191/VS-01</b>