

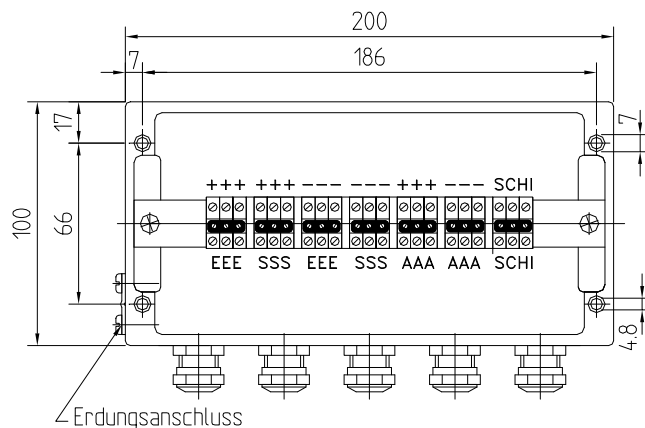


## Features

- For 2 - 4 Loadcells EEx-i
- Connection on screw-clamp terminals
- Solid aluminium housing
- Method of protection e; increased safety
- Apparatus group II
- Temperature class T6
- Protection class IP 65
- Metal cable glands EEx e II
- Dimensions: 220 x 150 x 80mm

## 1.) Mounting

The junction box can be fixed with two screws M4 (length 20mm). Dimensions and positions of the holes (204mm x 82mm) are shown in the drawing below:



Cable glands, which are not required, have to be removed and the holes must be closed with the enclosed covers. With cable diameters of 4-8mm for loadcells and 6-12mm for the indicator connection the cable glands and the housing reach up to protection class IP65.

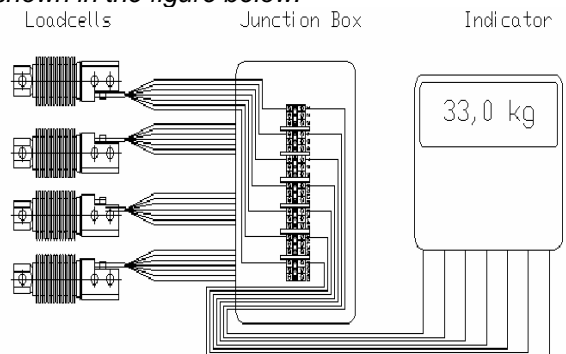
## 2.) Electrical Connection

The following designations are used to mark the terminals:

<b>Excitation</b>	<b>E+</b>	<b>and</b>	<b>E-</b>
<b>Sense</b>	<b>S+</b>	<b>and</b>	<b>S-</b>
<b>Signal</b>	<b>A+</b>	<b>and</b>	<b>A-</b>
<b>Screen</b>	<b>sch</b>		

The loadcell cables have to be connected to the terminals at the front side. The indicator cable can be connected to the terminals at the back side. The protection earth normally should be connected to screen at the indicator because the housing of the loadcells is not connected to the screen. If the loadcells have a connection from housing to screen (as the RLC) the protection earth of the screen should not be connected to the indicator.

The correct connection of a weighing system is shown in the figure below:



**Please note:**  
Using 4 wire loadcells in combination with a 6-wire indicator the terminals E+ and S+ have to be bridged. The same must be done with terminal E- and S-!

Please contact us in case of further questions: