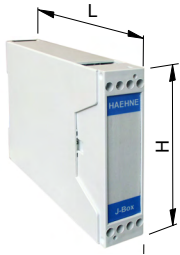


## Adaption Modul J-Box

### Scope of Supply

Electronic Modul  
in standard DIN rail enclosure

### Dimensions



DIN - rail enclosure  
22,5 x 110 x 75  
(B x L x H) in mm



### Special Features

- Operation of *HAEHNE* sensors without internal adaption resistors, e.g. for applications in potentially explosive atmospheres
- For connecting intrinsically safe circuits in control cabinets

### Technical Data

Standard enclosure  
protection: IP 20  
Temperature range:  
0 ...60° C (32 ...140° F)

### Explosion Protection Technical Data



Explosion protection  
equipment group II (2) G

-  $C_i$ ;  $L_i \approx 0$

-  $U_i$  And  $P_i$  are determined by  
the accessories

The adaption module is used in conjunction with measuring amplifiers and force measurement sensors without internal adaption resistors.

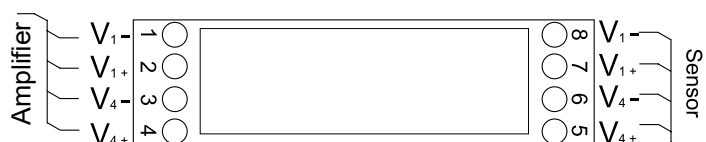
The J-Box serves the purpose of adapting the sensors to

- higher temperature ranges
- potentially explosives atmospheres

The J-Box contains the resistors required for the zero adjustment and nominal rating. The box is designed for DIN rail mounting in electrical cabinets.

V1: Output voltage of strain gauge full bridge

V4: Supply voltage for the strain gauge full bridge of the sensors



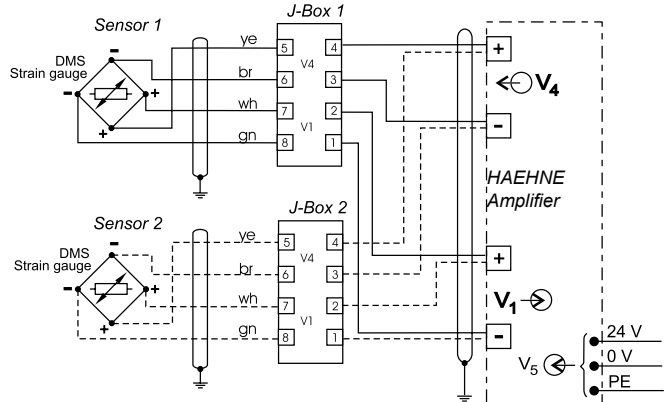
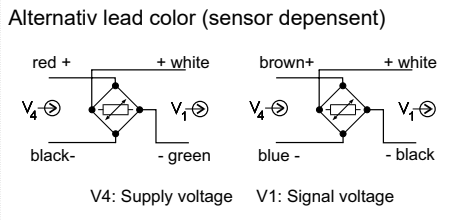
### Ordering Example: J-Box



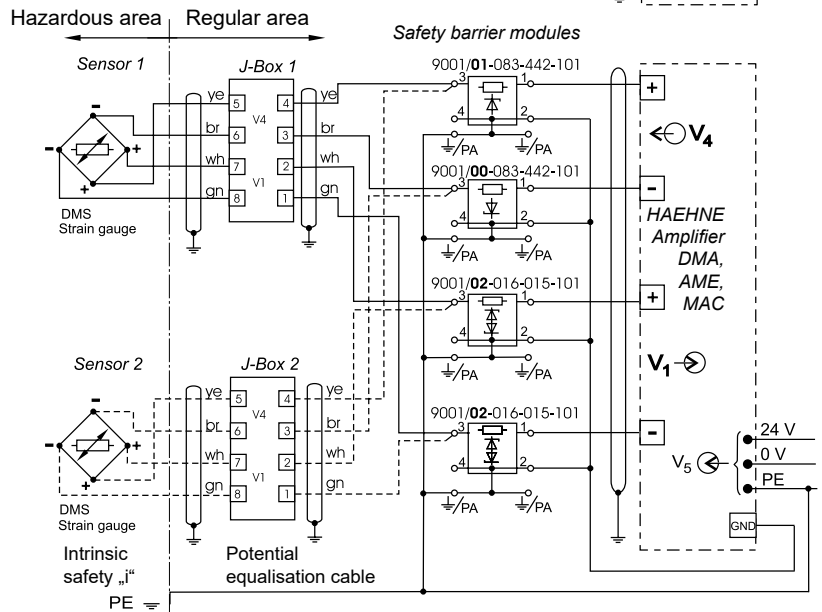
The calibration resistors in the J-Box are specified for the corresponding sensor only and can only be connected to this sensor. Therefore, the sensor and the J-Box carry the identical measurement location designation. For example sensor 04711-5 must be connected to the J-Box 04711-5.

**Attention!**

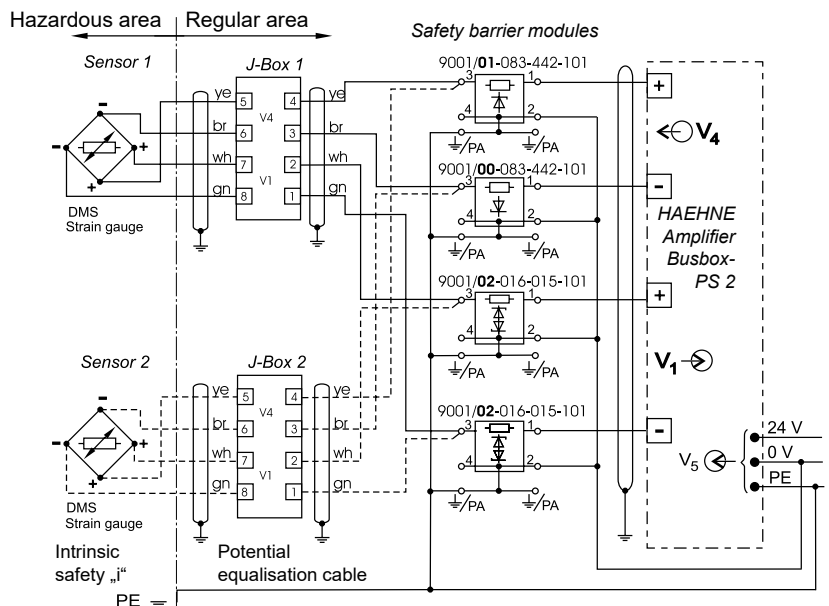
Wiring „higher temperature range“



Wiring „Explosion proof“ with HAEHNE amplifier DMA, MAC and AME



Wiring „Explosion proof“ with HAEHNE amplifier Busbox-PS 2



In the control cabinet cables under 5 m of length do not have to be shielded.