

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 for applications in potentially explosive atmospheres and high temperature range
- 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. In terms of DIN/EN 60079-11, it is a simple component.

V1: Output voltage of strain gauge full bridge

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



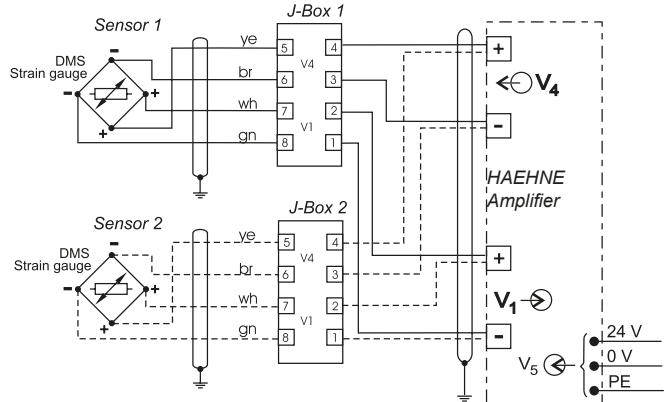
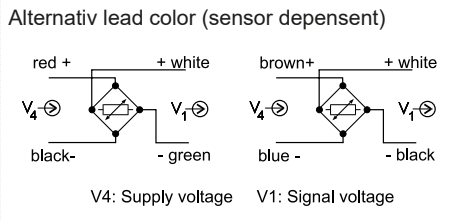
Ordering Example: J-Box



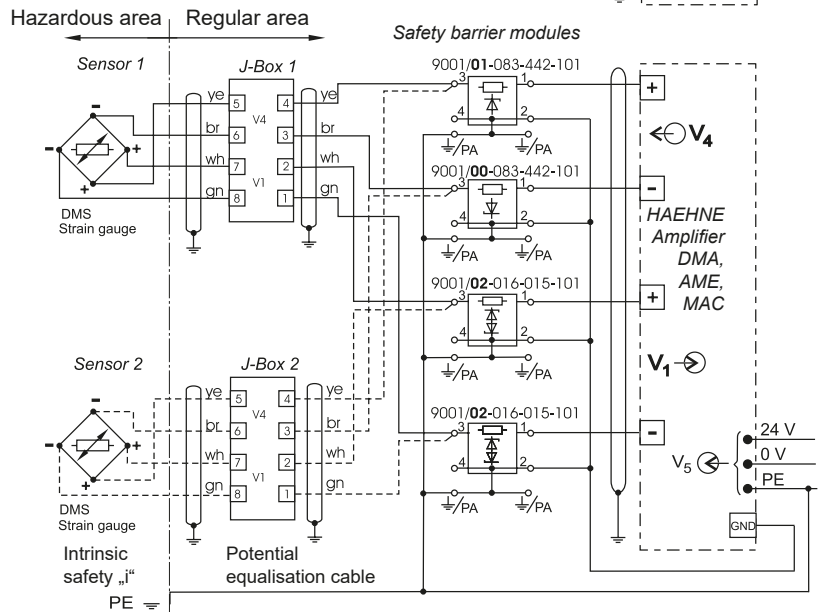
The calibration resistors in the J-Box are specified for the corresponding sensor only and can only be connected to this sensor. Therefore, the sensor and the J-Box carry the identical measurement location designation. For example sensor 04711-5 must be connected to the J-Box 04711-5.

Attention!

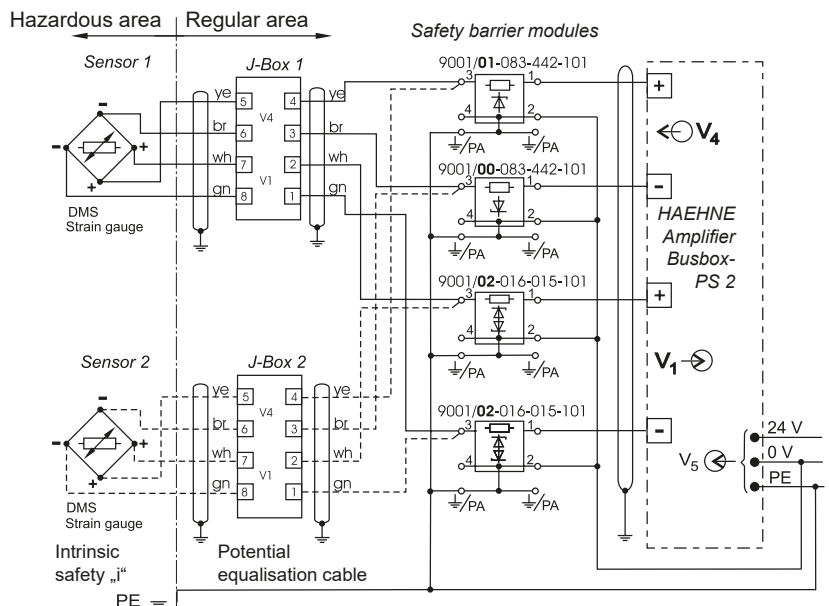
Wiring „higher temperature range“



Wiring „Explosion proof“ with HAEHNE amplifier AMA, AME, DMA, DA-PN, DA-PB, DA-EN, DA-EC, MAC



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.