



## DAT 1060: CONFIGURATION AND CALIBRATION

**Warning: during these operations the device must always be powered.**

### - CONFIGURATION

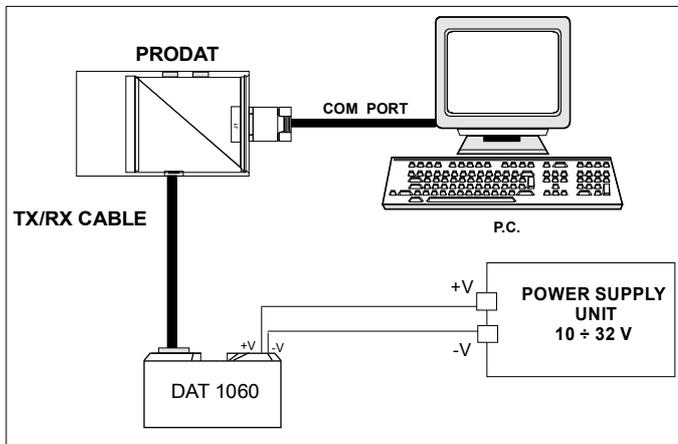
- 1) Power-on the DAT1060 by a direct voltage between  $10 \div 32$  V or (only to configure) by a 9 V battery .
- 2) Remove the protection plastic cap on DAT 1060.
- 3) Connect the interface PRODAT to the Personal Computer and to device. (see section " DAT1060: PROGRAMMING" ).
- 4) Run the software PROSOFT.
- 5) Set the parameters of configuration .
- 6) Program the device.

### - CALIBRATION CONTROL

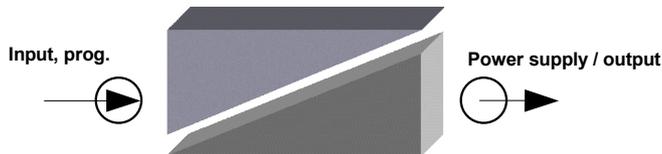
**With software PROSOFT running:**

- 1) Connect on the input a calibrator setted with minimum and maximum values referred to the electric signal or to the temperature sensor to measure.
- 2) Set the calibrator at the minimum value.
- 3) Verify that the DAT 1060 provides on output the minimum setted value.
- 4) Set the calibrator at the maximum value.
- 5) Verify that the DAT 1060 provides on output the maximum setted value.
- 6) In case of regulation of value obtained in the step 3 and 5, use the ZERO and SPAN regulators of software PROSOFT. The variation introduced from these regulators must be calculated as percentage of the input range .
- 7) Program the device with the new parameters .

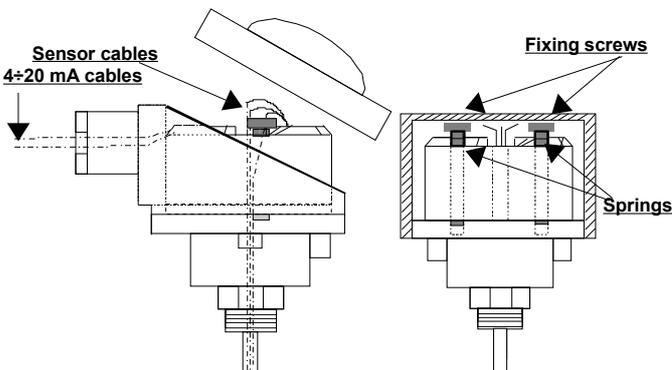
## DAT 1060: PROGRAMMING



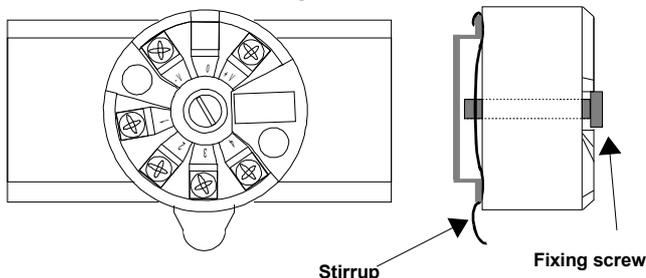
## ISOLATIONS STRUCTURE



## DIN B in-head mounting



## DIN rail mounting (DIN RAIL Option)



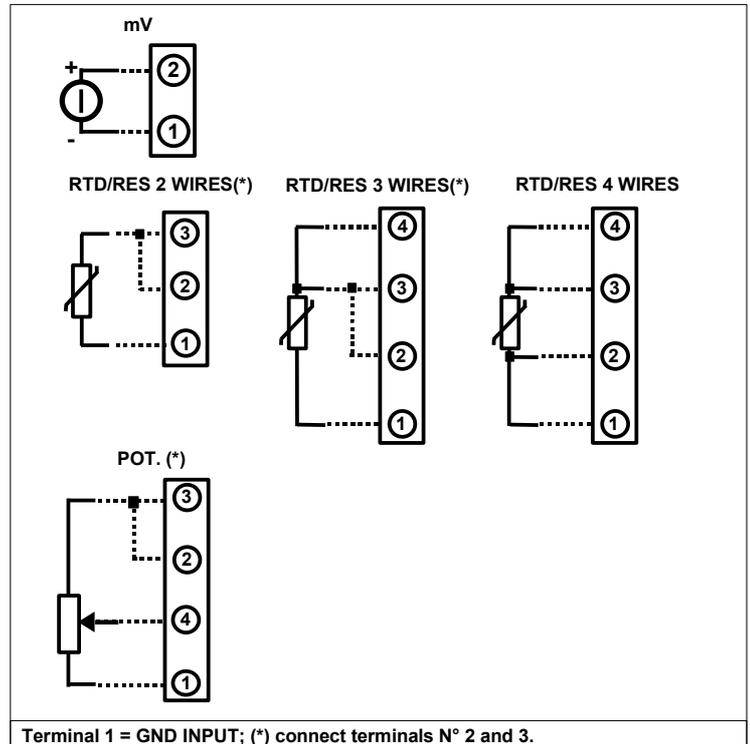
## INSTALLATION INSTRUCTIONS

The device DAT 1060 is suitable for direct DIN B in-head mounting. The transmitter must be fixed inside the probe by the proper kit.

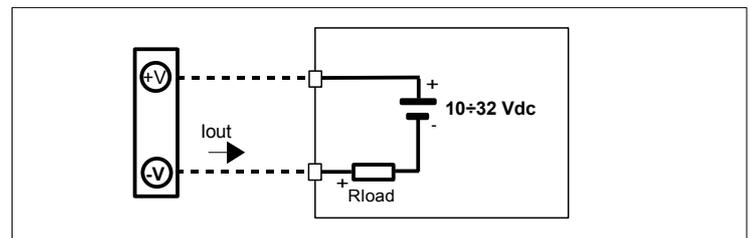
By apposite stirrup, provided on request, it is possible to mount the device on DIN rail in compliance with EN-50022. It is necessary to install the device in a place without vibrations; avoid to routing conductors near power signal cables .

## DAT1060: CONNECTIONS

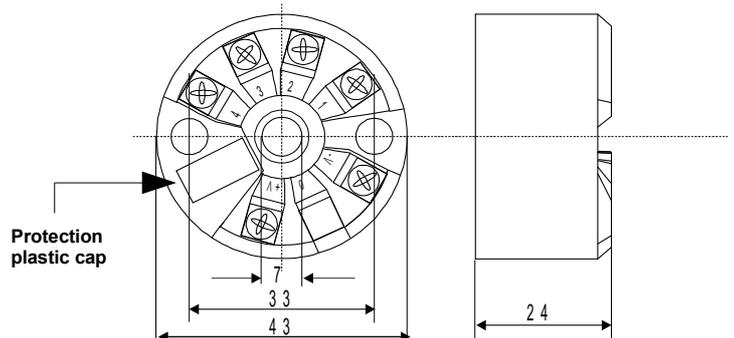
### INPUT CONNECTIONS



### OUTPUT/POWER SUPPLY CONNECTIONS



### MECHANICAL DIMENSIONS (mm)



### HOW TO ORDER

The DAT1060 is provided as requested on the Customer's order. Refer to the section "Technical specification" to determine input and output ranges. The mounting kit for DIN rail is provided **only on request** with code DIN RAIL. In case of the configuration is not specified, the parameters must be set by the user.

### ORDER CODE EXAMPLE:

