



CRN TECNOPART, S.A.

Sant Roc 30
08340 VILASSAR DE MAR (Barcelona)
Tel 902 404 748 - 937 591 484 Fax 937 591 547
e-mail: crn@crntp.com [http:// www.crntecnopart.com](http://www.crntecnopart.com)



DO-070.44E

4...20mA TRANSMITTER DISPLAYS WITH DIN43650 CONNECTOR

HD2601V.1 CONFIGURABLE DISPLAY FOR HD SERIES TRANSMITTER 2004T

The HD2601V.1 is a 4...20mA passive transmitter display with DIN43650 connector; the HD2601V.2 model is fitted with two independent dual-output transmitter viewers. The display is inserted between transmitter and connector.

Power is supplied by the 4...20mA current loop.

The snap-in display can be programmed by the user. Two keys can be used to set scale factors, decimal point position, display update time, maximum, minimum and average values display, time passed after turn-on, open-collector digital output parameters of the single display version.

The programmable parameters are saved into a permanent memory and are not erased when power is disconnected.

All device functions are continuously monitored by an integral diagnostic system. In the single model HD2601V.1, the open-collector digital output can control a



Fig. 2 illustrate the electrical connections of the single model HD2601V.1

Vdc represents the direct current power source.

RL, RL1 e RL2 are the devices inserted in the current loop (PLC, recorder,...).

In the HD2601V.1 model, Rd represents the load connected to the open-collector digital output.

NOTE on Fig. 2: if a relay coil is controlled, insert a diode protecting the device's output.

The numbers 1, 2 and 3 refer to the information on the instrument's connector:

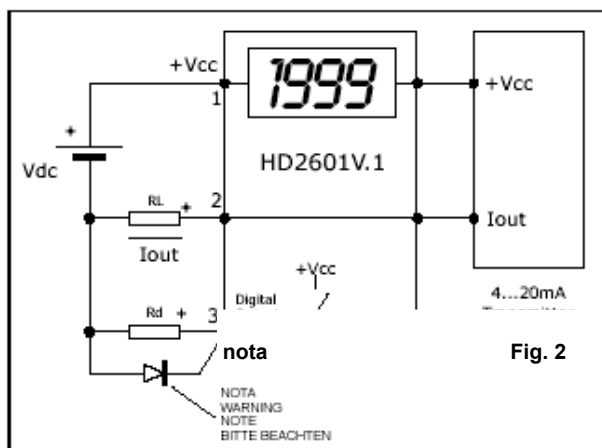


Fig. 2

INSTALLATION AND CONNECTIONS

Fig. 1 shows the typical configuration: the display is inserted between the transmitter (8) and the DIN43650 female connector (1).

The display has two keys: one externally accessible (5) used for data display: current measurement, maximum, minimum and average values, timer; the internal key (9) is accessible only after removing the cover, and is used together with the external key for programming.

In box (3) over the display window, the unit of measurement label can be applied

The card supporting the display and relevant cover can be rotated at 90° pitches by unscrewing the 4 screws at the corners.

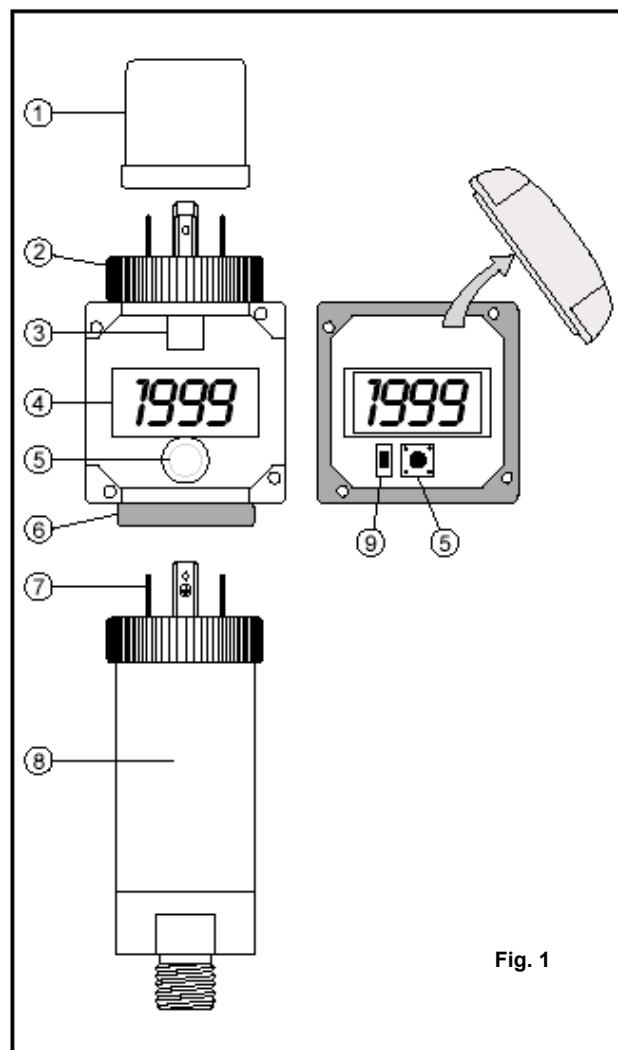


Fig. 1