Parameter viewer

Frequency meter with input pulses multiplication coefficient, allows the reading of the displayed data and converts it to the parameter or quantity to be controlled: m /1'- rpm - liters / h ecc.

Input pulses are supplied by a proximity sensor or magnetic sensor or by a one-way encoder.

This type of instrument has been designed to work also with very slow counting frequencies keeping in memory, by setting an appropriate scan value, the counting pulse until the next pulse arrives.

The instrument input accepts only PNP signals.

Data and parameters are stored on EEprom.

The transducer power supply is supplied by the instrument.

IMPORTANT: it is recommended to pay close attention when connecting the terminal blocks observing to:
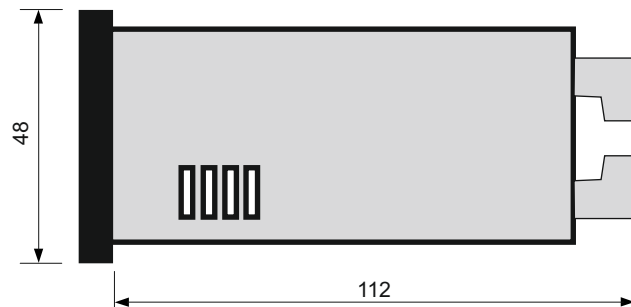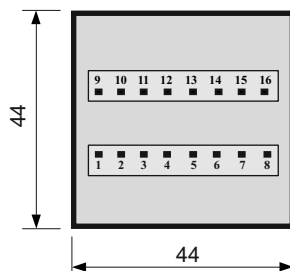
1. carry out any intervention only with the system switched off, then in the absence of voltage;

2. do not invert the connections between the power supply terminals with the I / O terminals otherwise the instrument will be irreparably damaged.

Please note that the manufacturer is not responsible for the guarantee in case of damages due to incorrect connections.
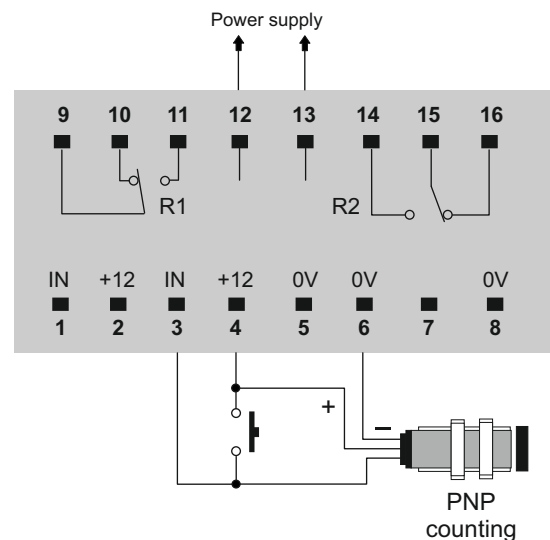
Technical features

Power supply	24Vdc 24 - 110 - 230Vac +/- 10%
Absorption	2,5 VA
Counting	Impulsive PNP
Memory	Eeprom
Count speed	10 KHz
Reading	0 - 9999 full-scale
Operation conditions	0.. +55°C / 20..90% R.U. without condensation
Storage conditions	-25.. +80°C / 20..90% R.U. without condensation
Mounting	recessed mounting
Container	Black ABS
Protection degree	IP65

Electrical connections

Dimensions

N°3143   N°IT-28601

Parameter viewer
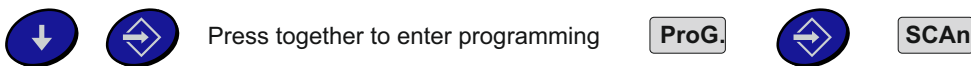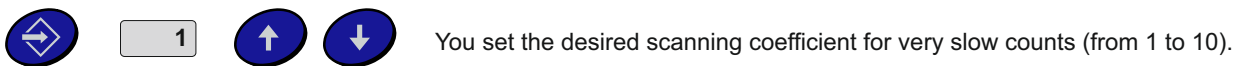
Programming

When the instrument is switched on, the instrument code, the firmware version and then the count value appears on the display.

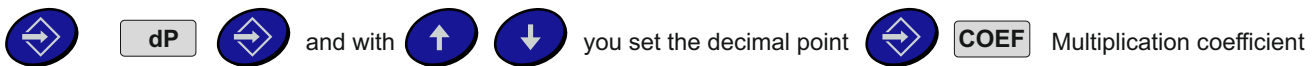↓ ⬌ Press together to enter programming **ProG.** ⬌ **SCAn**

⬌ **1** ↑ ↓ You set the desired scanning coefficient for very slow counts (from 1 to 10).

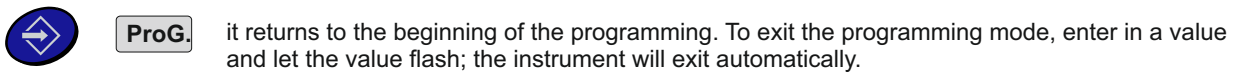⬌ **dP** ⬌ and with ↑ ↓ you set the decimal point ⬌ **COEF** Multiplication coefficient

⬌ **100** Example of set coefficient ↑ ↓ Set new coefficient

⬌ **ProG.** it returns to the beginning of the programming. To exit the programming mode, enter in a value and let the value flash; the instrument will exit automatically.

If after 5 seconds no operation is carried out the instrument will automatically exit programming, by memorizing all the set parameters and the count number will appear on the display.