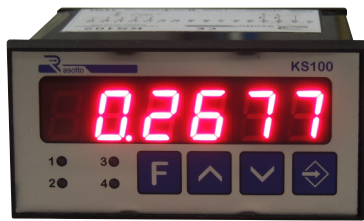
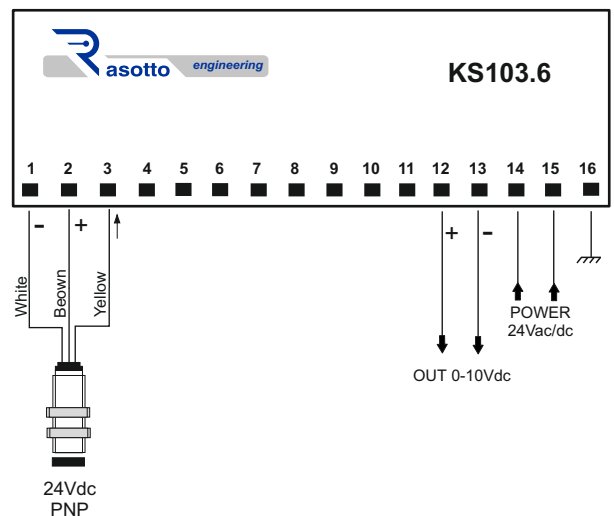
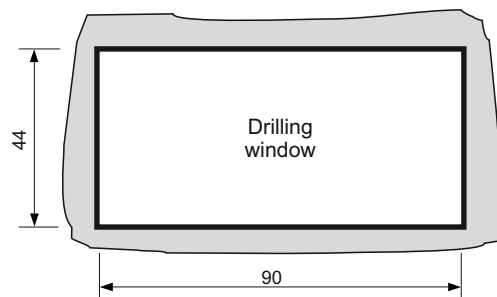
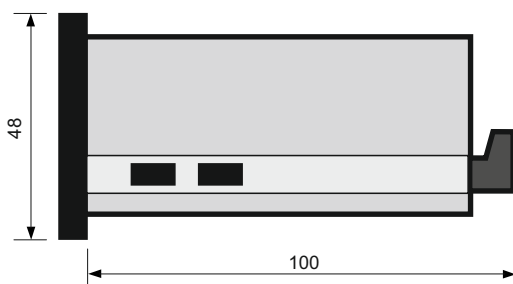


Frequency meter with 0-10V analogue output


Frequency meter with proportional 0-10V analog output and multiplication coefficient of input pulses to adapt the transducer to the system measurement unit. The transducer is powered by the instrument and data and parameters storage is performed on EEPROM. The analogue output and parameters are set via the keyboard by entering the programming mode. The 0-10V analogue output proportionally follows the value that is displayed by the instrument and is fed back according to the reading performed by the transducer.

Technical features





















Power supply	24Vac/dc +/- 5%
Absorption	2 VA nominal
Display	6 digits H= 13mm
Full scale max value	99.999
Resolution	+/- 1 digit on f.s.
Count frequency	1 KHz
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	IP30

Electrical connections

Dimensions


Operation cycle

When switched on, after displaying the product name and the firmware version, the instrument displays the input read frequency and generates a 0-10Vdc signal that is proportional to the displayed value and to the set parameters.

Technical Parameters Programming



To enter programming press the key **F** the message appears **PASS**, press  and using the keys   enter the password **569**, confirm with the key  and it will be displayed **dP** **dP** represents the decimal point. To change the decimal point position, press the key  and using the keys  , put the decimal point in the desired position (allowed values from 0 to 6). As soon as a key is released, the set DP value will flash; to continue programming press the key  and it will be displayed **bAnC** to block the least significant digit value to zero. To change the BANC value, press the key  and use the keys   to enter the 0 value if you want to display the last digit or 1 in case of slow counts to set the last digit. As soon as a key is released, you will see the set BANC value flashing; to continue with the programming press the button  and it will be displayed **COEFF** which represents the coefficient. To change the value of the coefficient, press the key  and using the keys   enter the desired coefficient value. As soon as a key is released, the value will flash; to continue with the programming press the key  and it will be displayed **SCAnS** representing the scan time, expressed in seconds, between two successive pulses readings counted by the instrument. To change the scan value, press the key  and use the keys   to enter the desired value. As soon as a key is released the value will flash; to continue with the programming press the key  and you will return to the programming beginning ie **dP**. If you wish to end programming, wait for the display to stop flashing.

Descrizione parametri tecnici

- dP** Decimal point : decimal point that can be positioned in the six display digits (min 0 max 6).
- COEFF** Coefficient: measured pulses multiplication value in the scan interval.
- bAnC** Last digit block: if you want to lock the last digit to zero in case of very slow counts, set the value to 1.
- SCAnS** Scan: scan time, expressed in seconds, between two successive pulses readings counted by the instrument.

Pressing the arrow keys together   brings the displayed value to zero.


Speed programming



With the keys   you can set the speed you want to get. By pressing one of the arrow keys the display will show the last set value and, using the arrow keys, it can be changed. The value will be automatically memorized at the flashing end.




Tolerance band programming



To change the BAND value, ie the tolerance value you want to obtain, press simultaneously

the key  and then the key  and the display will show the message 

Press the button  again and the set flashing speed will be displayed, utilizzando i

using the keys   it is possible to change the speed exactly as previously explained.

By pressing the button  again, the display will show  press the button  again

and using the keys   you can change the desired band value. The band value represents the desired tolerance, let it flash to confirm the entered value.

Frequency meter with 0-10V analogue output

