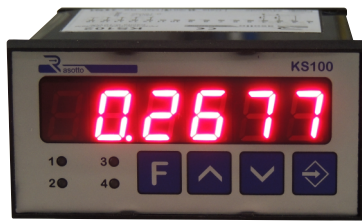
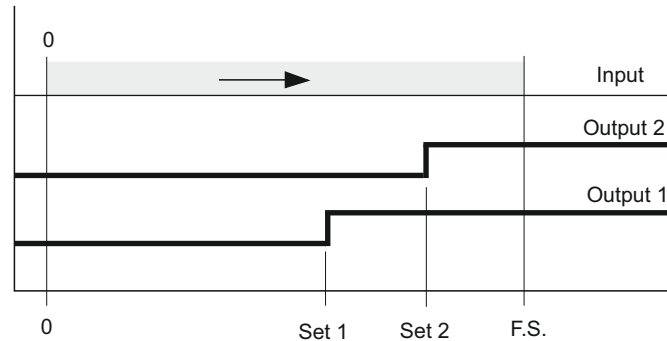


Analog signal viewer with 2 thresholds



Microprocessor instrument with analog input and automatic correction coefficient calculation by setting the full scale value and zero scale value. The main features of the instrument are the decimal point setting, the zero setting, the full scale value free setting associated with the input signal maximum value and the 2 thresholds setting with the relative outputs enabling. The set data storing is carried out at the end of the digits flashing

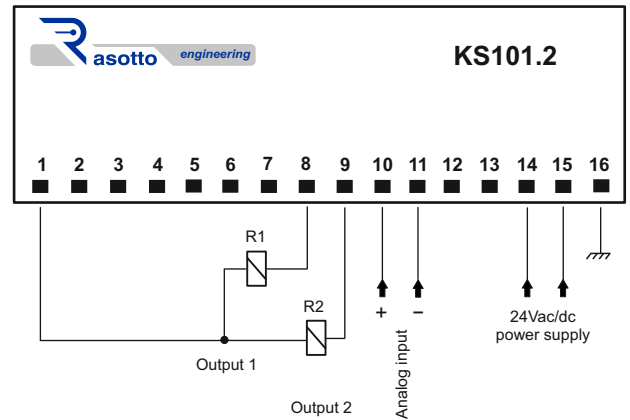
### Operating mode



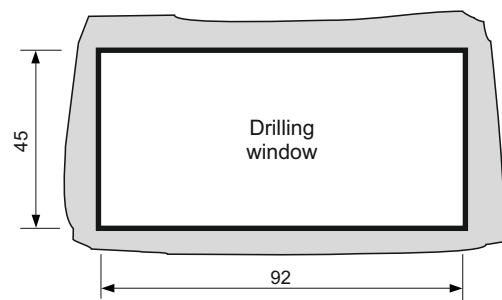
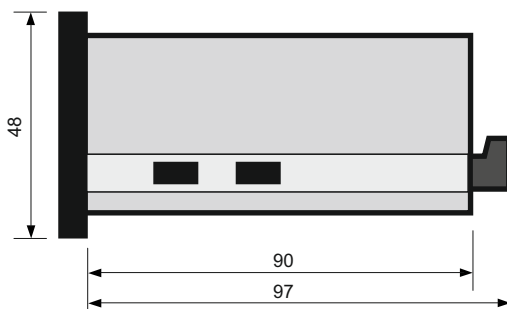
### Technical features

|                          |   |
|--------------------------|---|
| Power supply             | 24Vac/dc +/- 5%                                 |
| Absorption               | 6 VA nominal                                    |
| Display                  | 6 digits H= 13mm                                |
| Max full scale value     | 999999  |
| Resolution               | +/- 1 digit on 1024 f.s.                        |
| A/D conversion           | 10 Bit = 1024 points                            |
| Full scale value         | -999 ÷ 9999                                     |
| Zero scale value         | -999 ÷ 9999                                     |
| Differential value       | 0 ÷ 9999  |
| Delay between 2 readings | 0 ÷ 50  |
| Negative values block    | 0 - 1   |
| 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                | ABS 48 x 97 x 90mm                              |
| Protection degree        | IP30  |

### Electrical connections







### Dimensions






### WORK CYCLE

At power-on after showing the product name and the firmware version, the instrument shows the analog input value based on the set data during programming. The outputs will be enabled when the relative thresholds are exceeded.

### SET PROGRAMMING



Press  **Set 1**  **Dato Visualizzato** Scroll through the numbers   up to the desired value.



Press  **Set 2**  **Dato Visualizzato** Scroll through the numbers   up to the desired value.

Let it flash, at the end of the flashing the instrument will exit the programming after having stored the new values.

### PROGRAMMING MENU

Press  It shows **PASS.** Press  It shows **0**

With the keys   scroll the digits on the display until **569** Password value


Press  **dP** setting decimal number 0 ÷ 6 with the key 

Press  **Fsc** Current value flashing. If you want to modify use  

Full scale value reachable with max value applied to analogue input

Press  **0Sc** Current value flashing. If you want to modify use  



Zero Scale value means any value set with Analog Input signal = 0

Press  **diF** Current value flashing. If you want to modify use  


Output operation within a hysteresis window

Press  **rAt** Current value flashing. If you want to modify use  

Rating. Delay in 1/10 sec. for refreshing between two successive readings (0 - 50) for slow analog signals.

Press  **bL-** Current value flashing. If you want to modify use 

Function to set or remove the negative sign (0 - 1)

Press again  to return to the beginning of the menu or let the digits flash to exit automatically

from programming.

### TECHNICAL PARAMETERS DESCRIPTION

Technical parameters displayed during programming:

- 1) **dP** = Decimal point. Position the decimal point using the arrow keys.
- 2) **diF** = Differential. It is the value to set to create an operation window of the relay output if present (hysteresis value).
- 3) **rAt** = Rating. It is the delay set in 1/10 sec. which allows the refreshment between two successive readings suitable for slow variations.
- 4) **0Sc** = Zero scale. It is the reading starting value that can also have negative values.  
Value displayed with analog signal equal to 0 V.
- 5) **FSc** = Full scale. It is the value that is fixed as input signal maximum excursion, that is 10V.
- 6) **bL-** = Set or remove the negative sign. With a 1 setting, it does not display negative values.
- 7) **Set1** = Threshold value set; when it is reached output 1 is activated.
- 8) **Set2** = Threshold value set; when it is reached output 2 is activated.

*Analog signal viewer with 2 thresholds*
