



## MICRO 9215, multifunction 5 digit display

**Tachometer**, this instrument calculates the speed value based on the frequency of the impulses coming from the external sensor (proximity, pick-up, etc.).

Impulses per revolution: 1-255 - Decimal point: 0, 1, 2, auto - Measurement update: 0.1, 0.25, 0.5, 1, 2, 4, 8 seconds.  
Unit of measurement conversion.

**Frequency meter**, the instrument calculates the value of the input frequency of the pulses coming from the external sensor (proximity, pick-up, etc.). This value can also be converted in order to the desired unit of measurement.

Decimal point: 0, 1, 2, auto - Unit of measurement conversion, Reset, Hold.  
Unit of measurement conversion.

**Totalisation**, the pulses from the external sensor (proximity, pick-up, etc.) are totalised.

Through the measurement conversion it is possible to make the each pulse correspond to desired increment.  
Decimal point: 0, 1, 2, auto - Unit of measurement conversion, Reset, Hold.

Memory: the count remains stored for 10 years, even in the absence of power supply.

**Timer**, when the "SIGNAL" input is closed, the timer counts the time until the input is returned to the open condition.

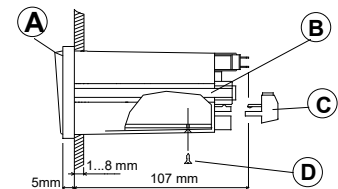
Scale: 10 minutes, 10 hours, 1000 hours. Unit of measurement conversion, Reset, Hold.

Memory: the count remains stored for 10 years, even in the absence of power supply

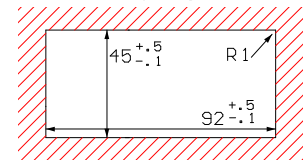
### Common technical specifications

- Display: 5 digit 13mm Led
- Accuracy:  $\pm 0.005\% \pm 1$  digit (overrange signal)
- Sensors: Optical probe, Proximity, Pick-up, Contact sensor, encoder, etc.
- Power supply to sensors: 12Vdc/30mA or 5Vdc/30mA
- Wave form of input: sinusoidal min 100mVpp (a 1KHz), max 50Vac, square or open-collector (low = 0-1.5V high = 4-30V)
- Input impedance (pick-up): 18K (signal): 2K $\Omega$
- Maximum frequency: in tachometer, frequency and totalisation 30KHz
- Two fully programmable alarm relays, maximum contact current: 1A at 125 Vac (resistive load), maximum switchable power 50VA
- Analog output: 0...10V e 4...20mA not insulated (**Opz.** 72)
- Power supply: AC or DC
- Connections: screws, on removable terminal block
- Dimensions: 48 x 96 x 112 mm, DIN 43700, black polycarbonate casing
- Front protection class: IP40
- Weight: ~ 400 g. (DC)
- Composition of case: **A**= filter, **B**= slides, **C**= terminal block, **D**= fixing screw

### Dimensions



### Drilling template



Code	Description	Code	Description
<b>9215-S</b>	Digital panel meter, 110...240Vac	<b>10</b>	<b>Opz.</b> – Custom configuration/setup
<b>K</b>	<b>Opz.</b> – Power supply 9...36 Vdc	<b>72</b>	<b>Opz.</b> – Analog output 0...10 and 4...20mA