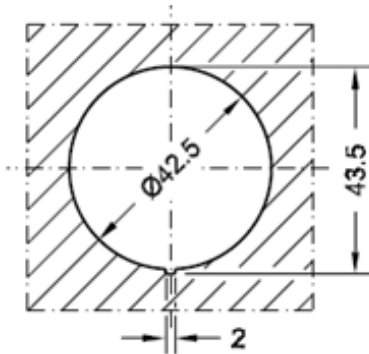


Conn.	Schema
1	P1
2	P2
3	P3



B
1/4 GAS
1/8 GAS
M14x1
Altri su richiesta other on request

Case: reinforced nylon, standard colours black or white, other colours on request.

Fixing system: moulded-in elastic tabs; metallic bracket on request (TRS 42 PS).

Glass cover: shatterproof metacrylate ester.

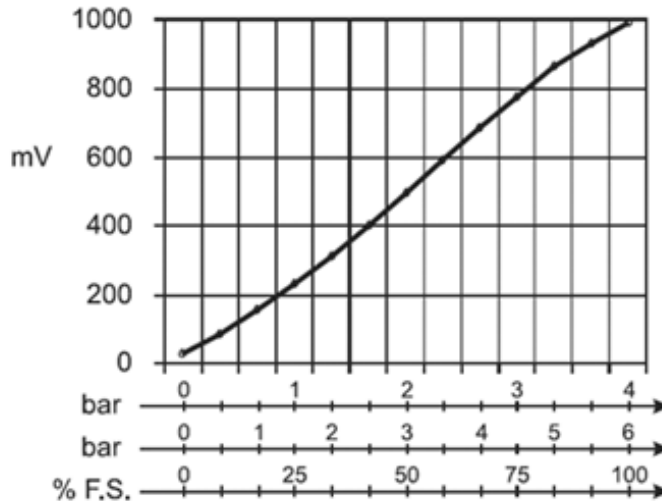
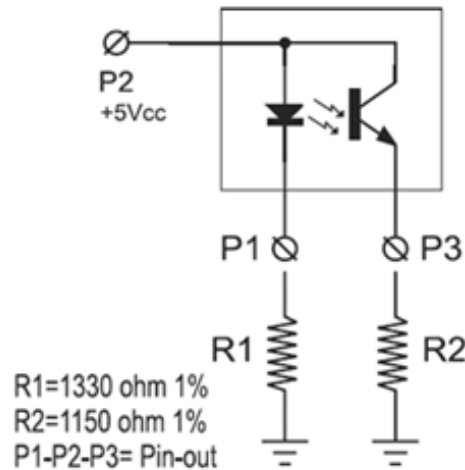
Capillaries: bare or black PVC-coated copper; standard lengths 0,5 - 1 - 1,5 metres, other lengths on request.

Fitting: brass; look at the table for available types, other on request.

Movement: copper alloy Boudon type "C" spring; high-sensitivity amplification mechanism in watchmaker's brass.

Dial: printed aluminium. Custom designed dials can be supplied.

Accuracy: $\pm 3\%$ of highest value.



PRESENTATION

The above mentioned capillary pressure gauge (Hydrometer) has two functions. Externally it looks like a common mechanical index hydrometer. Internally it is fitted with an optic system to convert the pressure in voltage.

ADVANTAGES

Low cost. Easy of use. Long life and stability. No friction.

DESCRIPTION

The practicality of use of this transducer is clearly seen from from the electrical drawing. Just two polarisation resistances are sufficient to use the sensor, as indicated in the drawing, the output voltage is present in the heads of the R2 resistance. The sensor must be fed with a continuous stabilised 5V voltage, which is normally present in all electronic cards. The two resistances are normally calculated for a 5 Volt supply to the sensor and an output scale of 0-1000mV. Different scale voltages can easily be calculated or alternatively requested from CEWAL technical office.