



TC Fluid Control Ltd
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www.ktc-fluidcontrol.com



Glass level gauges PETROLE SERVICE INTERNATIONAL Accessories

1- NON-FROSTING BLOCKS

With cold media there is a danger of ice forming on the sight glass from atmospheric moisture. The liquid can then no longer be observed through the sight glass. Our non-frosting blocks (acrylic glass) keep the sight area free of ice and ensure unimpaired observation of the liquid level. The width of the block is matched to the visible width of the glass ; we select the thickness on the basis of the medium temperature.
With transparent gauges, non-frosting blocks must be provided on both sight glasses.

The height of the block is related to the temperature

- 0 to -49°C : 75 mm
- - 50 to - 99°C : 100mm*
- - 100 to and below : 150 mm*

2- EXPANSION LOOP

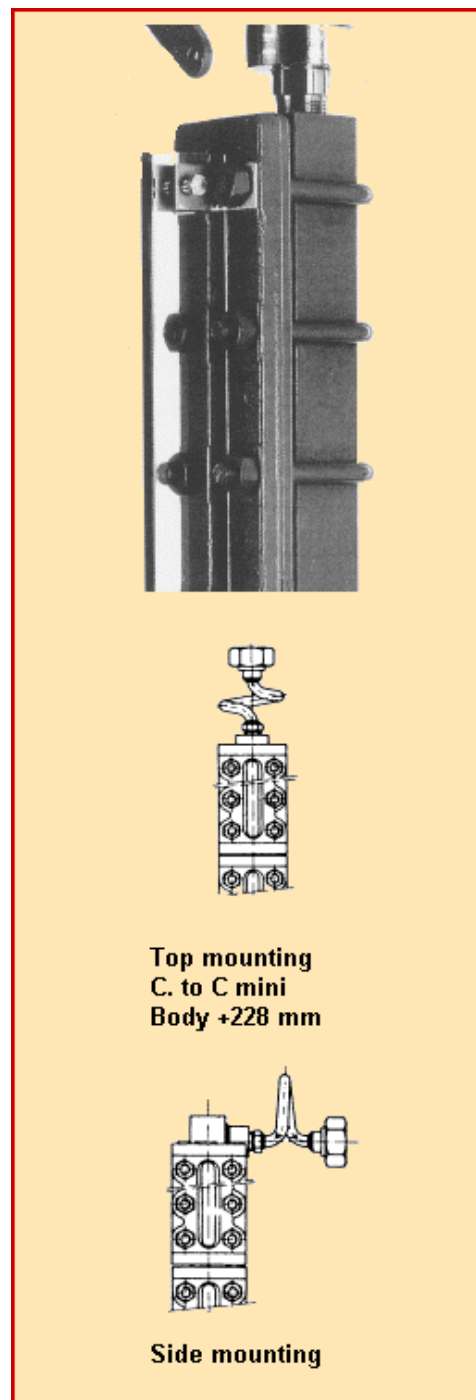
We recommend expansion loop if the temperature is higher than 250°C and the center to center distance is greater than 1000 mm.

The expansion loop is a stainless steel 1/4" pipe top or side mounted.

3- CALONAT INSULATING BLANKETS

Maximum operating temperature 280°C (380°C on request)

- Reduction of thermal shocks.
- Staff safety.
- Heat conservation (complementary with heating device)
- Easy to install and remove



Further information

For further information, please send an E-mail to the following address: instruments@tc-fluidcontrol.com

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4- UNINTERRUPTED VISIBLE LENGH

If an uninterrupted visible length is required, the dead area between the combined sections is bridged by means of a gauge (size 2) mounted in parallel.

On boiler vessels, the continuous visible length is necessary.

5- SIGHT GLASSES PROTECTION

The sight glasses must be protected in some cases against the attack of corrosive products (boiler water, potash, soda...) by means of mica shields or Kel-f shields (if $T^{\circ}\text{C} < 150^{\circ}\text{C}$), fitted on the side of glass facing the liquid chamber.

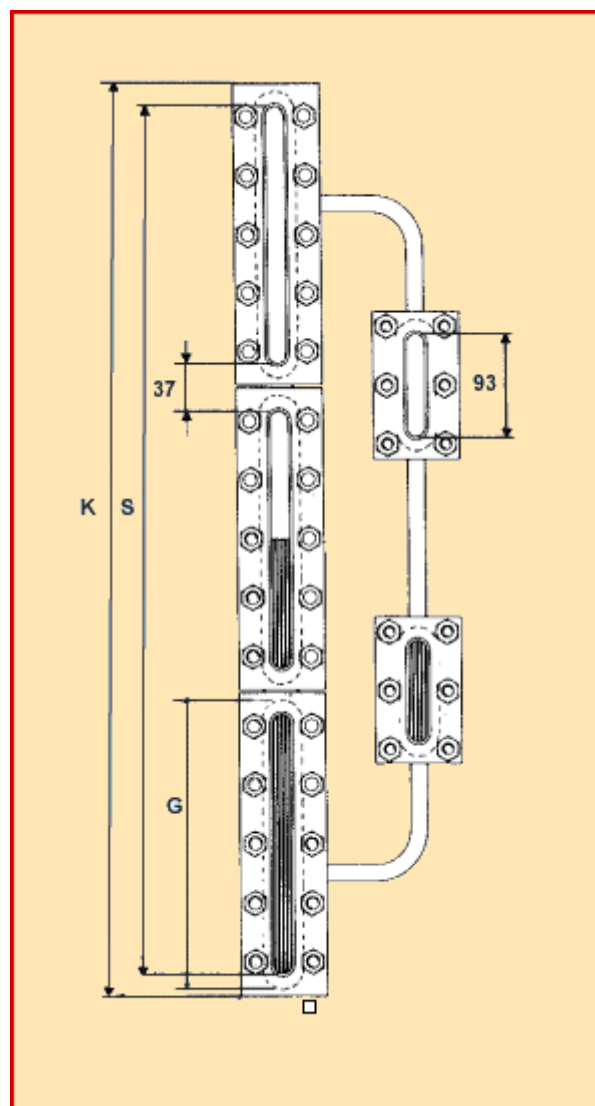
In corrosive atmosphere, or in case of thermal shock risk, the external face of the glass can be protected by a mica shield.

6- HEATING SYSTEM

Media which tend to be solid or to cristallize must be kept liquid by means of a heating system.

We provide :

- Electrical heat tracing,
- Steam tracing



7- GRADUATED SCALE

If requested, we provide a graduated scale either in millimeters or in liters

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