



# Koller

## FLOW SIGHT GLASSES

### Flow Sight Glass for fitting between flanges - Patent Protection -

- **easy fitting between two flanges (every standard)**  
DN 10 – DN 1000
- **360° allround view**
- **insensitive to dirt accumulation**
- **maximum pressure 16 bar / 150 lbs**  
higher pressures on request
- **maximum temperatures**  
-200°C / 392°F up to +1100°C / 2012°F
- **resistant to aggressive chemical**
  
- **Temperature up to +80°C / 176°F**  
low-cost design  
**Temperature up to +150°C / 302°F**  
high resistance to chemical  
**Temperature up to +300°C / 572°F**  
resistant to aggressive chemical  
**Temperature up to +1100°C / 2012°F**  
resistant to aggressive chemical



- **Typ A** – Acrylic Glass
- **Typ N** – Soda-lime Glass
- **Typ B** – Borosilicate Glass
- **Typ Q** – Quartz-Glass

The special merits of the flow sight glass is its solidity and high functionality. A glass ring with the length of 25mm, 30mm or 50mm (or longer) and a very high wall thickness is fitted between two flanges.

The wall thickness is equivalent to the raise face of the flange so that **no metal casing is required**. This allows an excellent observation of the flow from all sides.

Dirt accumulation of the flow sight glass is significantly lower as the medium touched surface is constantly rinsed by the medium itself

The flow sight glass has **no dead spots**, so that the flow sight glass can be flushed / cleaned together with the tube in case the medium will be changed.

No deposits in the sight glass when the piping will be empty. The inner diameter of the sight glass is according to the inner diameter of the pipe. Therefore the sight glasses are especially applicable **for aseptic conditions**.

The flange serves as an additional protective shield.

In case of bigger sizes or stainless steel design, there is a **favourable price / efficiency ratio** because only the glass ring is required and no metal casing with flanges.