

Steam- / condensate - operation with Sight flow indicator

NORIS

Bauform 880 / 881

Application:

NORIS Sight flow indicators offer the possibility to detect the condition of the condensate. There by it shows the actual function of the steam trap. The standard drop nose indicates also smallest flowing volumes.

Operating conditions:

Working pressure: until 40 bar
Working temperature: 150°C or 280°C

Installation:

Best indication: horizontal; Flow direction to pay attention

Connections:

Flange: DIN or ANSI
Thread: G (BSP) or NPT-thread
Weld ends: ISO

Materials:

Body: Cast Iron; GG 25 (EN-GJL-250)
Cast Steel; GS-C 25 (1.0619 / GP240GH)
Stainless Steel; WN 1.4408
Glass: Borosilicate glass DIN 7080
Soda lime glass DIN 8902

Options:

Spinner Light fittings Flapper

Selection criteria:

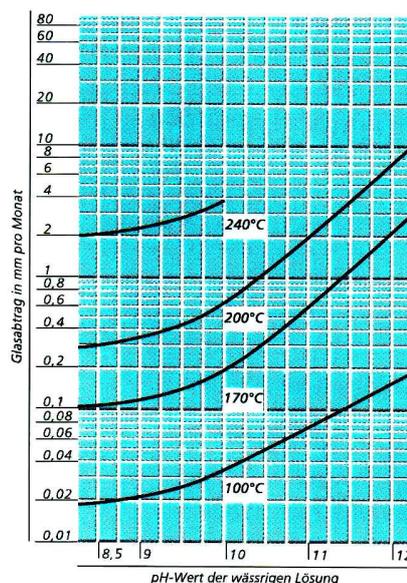
Pipe diameter Nominal pressure
Working pressure Working temperature
Connection Body materials
Glass Mica shield

Glass removed by DIN 7080 by boiler water:

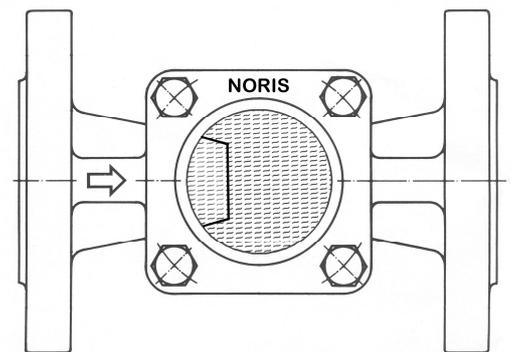
The reduction of the glass thickness is shown in the diagram.

It depends on the ph-value and the working temperature.

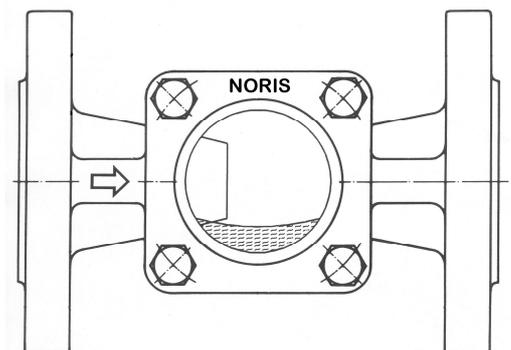
To protect the glass surface, you have to use, mica shields by ph-value >8 and temperature > 100°C



State picture by glass perspective



Picture 1: **Condensate backwatering**
Show by fully flooded sight glass.



Picture 2: **Steam pressure**
Steam came through is shown by a low fluid level. Intensive bubbles and turbulences are resulted by mixing steam and water.

Modifications reserved

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