

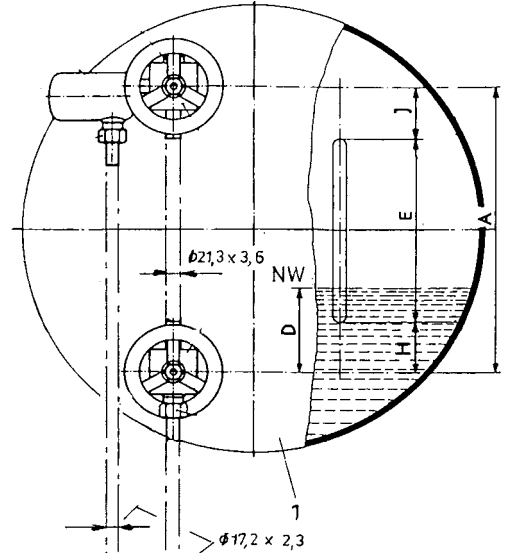
Remote water level gauge Type G

1. Application

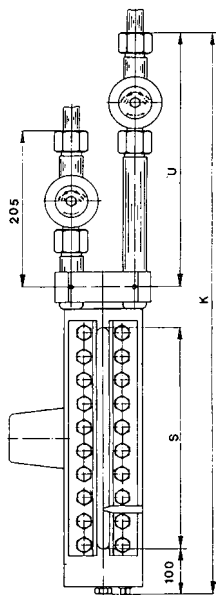
Transmission of the water level in the boiler drum to the control station.
Two remote water level gauges replace one direct water level gauge according to TRD 401.

2. Function

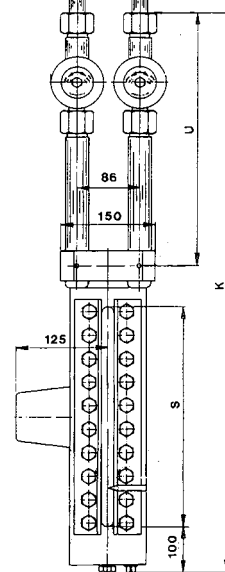
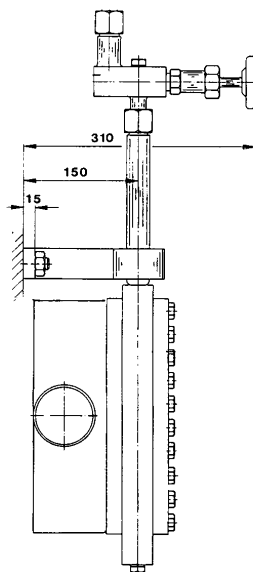
The geodetic pressure difference of two water columns is transmitted to a special unmixable liquid (indicating liquid) in the gauge body. The blue liquid is neither water soluble nor toxic.
The dimensions A, D, E, H and J indicated in the area of the boiler drum correspond to the dimensions of an Igema direct water level gauge.
The sight length $E = 310, 390$ or 470 mm of a direct water level gauge corresponds to the sight length S of the remote water level gauge.
The height of the water level in the boiler drum is indicated 1:1. Larger indicating areas are indicated in reduced transmission (Fig. 2).



Reduced transmission



Transmission 1:1



Dimension A [mm]	Dimension E [mm]	Dimension H [mm]	Dimension J [mm]	Dimension D [mm]	Process connection M		Material Gauge body
					Flange	DN	
PN	Dimension S [mm]	Dimension G [mm]	Reduction	Dimension K [mm]	PN	DN	
PB bar					Sealing surface	Form	
TB °C	Dimension U [mm]						
Main shutoff valve with condenser type			Leaflet	Process connection M			Weight kg
Main shutoff valve type				Welding end DIN 3239			
Gauge valve type AF				PN	DN		
Illumination device, protection				ϕdp	$\phi d2$	$\phi d3$ ¹⁾	
Operating instructions							
Igema Project no.:			Equipment no.				

Remote water level gauge type HG and G multiple section, vertical arrangement

1. Application

Transmission of the water level in the boiler drum to the control station.
Two remote water level gauges replace one direct water level gauge according to TRD 401.

2. Function

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The blue liquid is neither water soluble nor toxic.

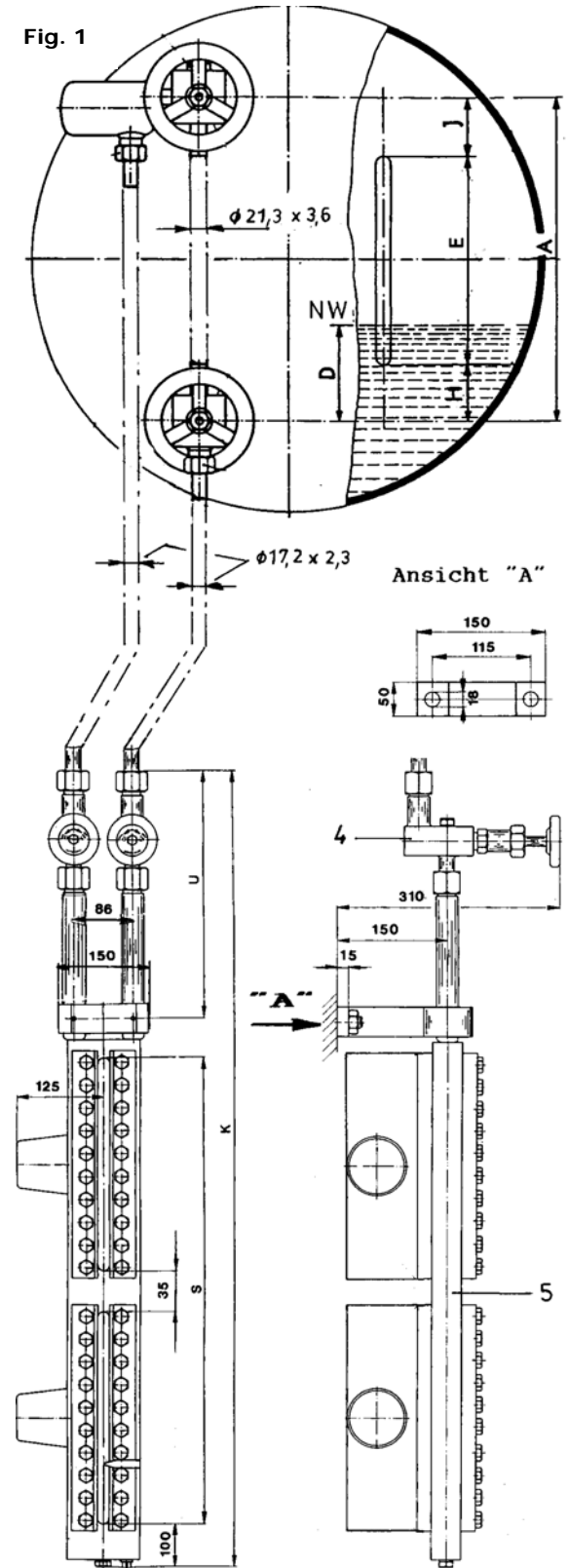
The dimensions A, D, E, H and J indicated in the area of the boiler drum correspond to the dimensions of an Igema direct water level gauge.

The sight length E = 535, 615 or 815 mm of a direct water level gauge corresponds to the sight length S of the remote water level gauge.

The height of the water level in the boiler drum is indicated 1:1.

Larger indicating areas are indicated in reduced transmission (Fig. 2).

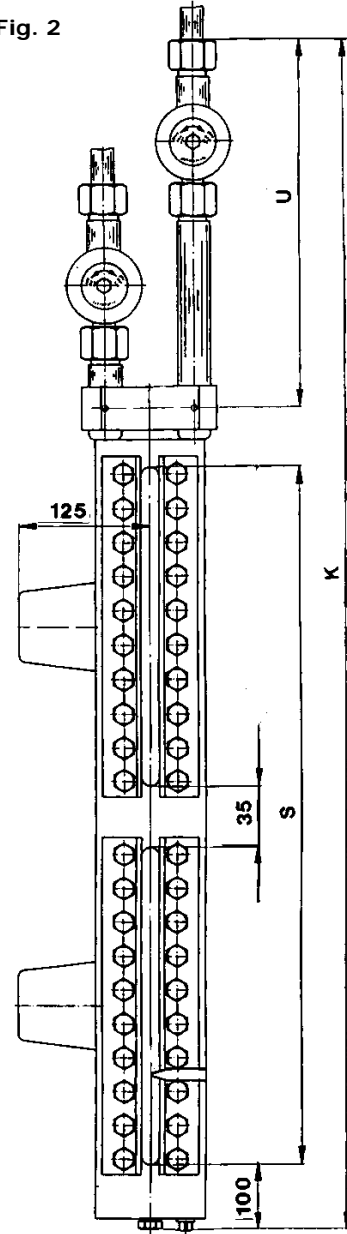
Fig. 1



Remote water level gauge Type HG and G

multiple section, vertical arrangement

Fig. 2



Dimension A [mm]	Dimension E [mm]	Dimension H [mm]	Dimension J [mm]	Dimension D [mm]	Process connection M Flange		Material Gauge body	
PN	Dimension S [mm]	Dimension G [mm]	Reduction	Dimension K [mm]	PN	DN		
PB bar					Sealing surface	Form		
TB °C	Dimension U [mm]							
Main shutoff valve with condenser type				Leaflet	Process connection M Welding end DIN 3239			Weight kg
Main shutoff valve type					PN	DN		
Gauge valve type AF					ødp	Ød2	ød3 ¹⁾	
Illumination device, protection								
Operating instructions								
Igema Project no.:			Equipment no.					