



## Transparent level gauge

Type: TG200

One sight opening, lateral connection, LED-Secure Slim

### Application and function

The transparent level gauge is a direct water level gauge with illumination which can be used for steam generators.

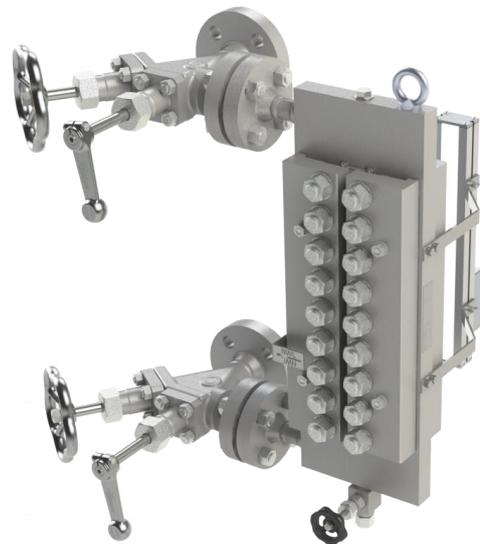
In the sight opening, the water level is visible at the interface between water level and steam. With its brilliant and long-life LED backlighting, the fill level is clearly visible at all times.

This product is in accordance to EU-directive 2014/68/EU.

Applied policy acc. to DIN EN 13445 and ASME Boiler and Pressure Vessel Code. Considered regulations AD2000. Furthermore, as a plant component for large water room boilers and water tube boilers, this product meets the requirements of the standards DIN EN 12952-7 and DIN EN 12953-6.

### Technical basic equipment

- Body material carbon steel
- As left sided (mapped) or right sided model
- Sight lengths see table
- With drain valve and ventilation plug
- LEDSecure Slim illumination with IP66 protection class
- Shutoff valve type A220-100 bar / A240-200 bar
- Drain valve type AV250



### Available (optional) versions

- Body material according to ASME
- Other drain valve



### Technical Data

Allowable pressure	PS [bar]	100	200
Allowable temperature	TS [°C]	312	367
Shutoff valves	Type	A220	A240
Drain valves	Type	AV250	
Illumination	Type	LEDSecure Slim	

## Dimensions and tables

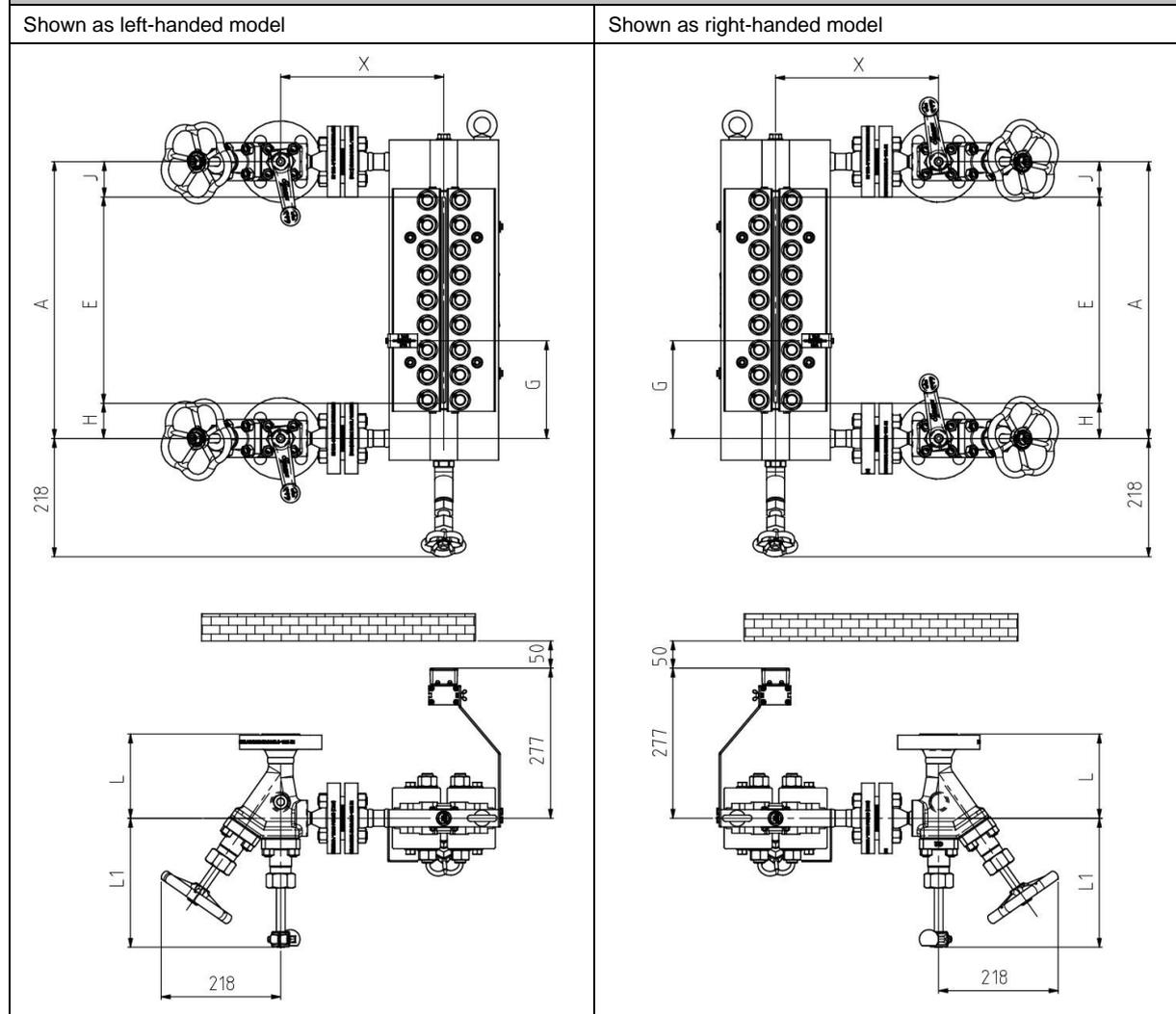
### Single sight length

	Size	Visible lengths (Dim. E-)	Process connection length (Dim. A)		Dimension		Item number <sup>1)</sup> TG200
			Min.	Max.	H/J <sub>min</sub>	H/J <sub>max</sub>	
1	5	200	250	On request	25	On request	On request
2	6	230	280				
3	7	260	310				
4	8	290	340				
5	9	320	370				
6	10	340	390				
7	11	380	430				

\* Other dimension on request

1) Item number without Illumination Device, shut off- and drain valves

### Single Sight Length



Allowable pressure PS [bar]	Valve	Flange	L [mm]	Welding end/ Socket welding	L [mm]	X [mm]	L1 [mm]
100	A220	DN25	155	DN25	150/160	300	240
200	A240	DN25	170	DN25	150/160	300	240



**Note!**

For level indicators weighing 30 kilograms or more, the customer must provide for a sufficient support (e.g. by means of spring hangers or similar).

## Dimensions and tables

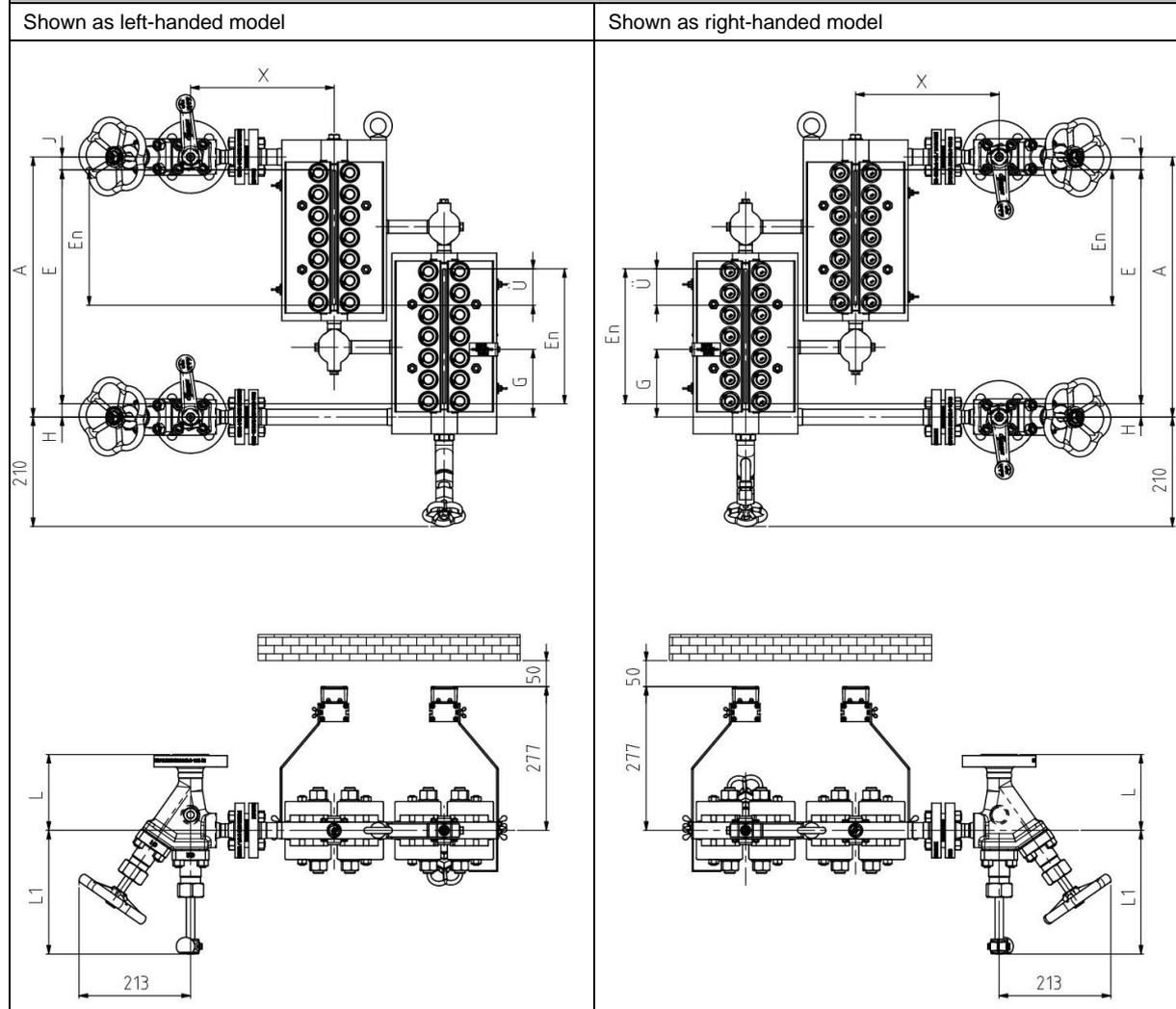
### Multiple offset sight length

	Size	Visible lengths (Dim. E-)	Process connection length (Dim. A)		Dimension		Item number <sup>1)</sup>
			Min.	Max.	TG200	H/J <sub>max</sub>	TG200
1	7/nv	260	310	On request	25	On request	On request
2	8/nv	290	340				
3	9/nv	320	370				
4	10/nv	340	390				
5	11/nv	380	430				

\* Other dimension on request

1) Item number without Illumination Device, shut off- and drain valves

### Multiple offset sight length



Allowable pressure PS [bar]	Valve	Flange	L [mm]	Welding end/ Socket welding	L [mm]	X [mm]	L1 [mm]
100	A220	DN25	155	DN25	150/160	300	240
200	A240	DN25	170	DN25	150/160	300	240



#### Note!

For level indicators weighing 30 kilograms or more, the customer must provide for a sufficient support (e.g. by means of spring hangers or similar).

## Equipment

Illustrated Reflex Level Gauges are equipped with Shut-Off Valve type CS, Drain Valve AV250 / AV520 and LED illumination device.



Shut Off Valve A240  
Article No.: see Data Sheet



Drain Valve AV250  
Article No.: see Data Sheet



Drain Valve AV520  
Article No.: see Data Sheet



LEDSecure Slim  
Article No.: see Data Sheet

## Accessory

Description	Marking	Article-No.
Water level mark	NW-LWL-NB	On request
Water level mark	HHWL	40-04497
Water level mark	HWCO	On request
Water level mark	HWL	40-04496
Water level mark	NWL	40-04495
Water level mark	LWL	40-04494
Water level mark	LWCO	On request
Water level mark	LLWL	40-04493
Water Level Mark will be attached with two self-tapping screws. Article number: 40-11364		

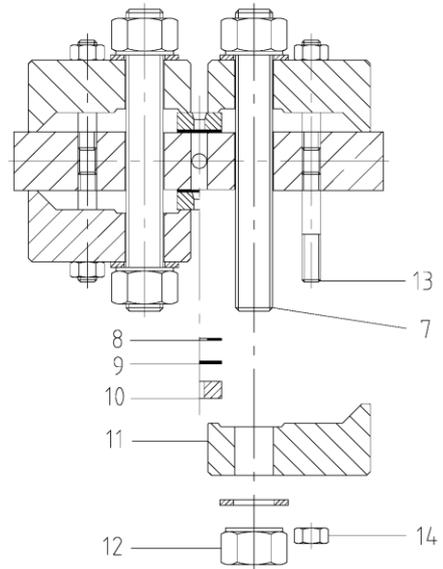
Water level mark – NWL



## Spare parts

Spare part packages for version with one sight glass opening!  
Spare parts for multiple offset version on request!

Pos.-No.	Description	Size	Article-No.	Quantity
<b>Spare Part Set TG200 100bar</b>				
7-14	Spare Part Set	5	15-13082	1
7-14	Spare Part Set	6	15-13083	1
7-14	Spare Part Set	7	15-13084	1
7-14	Spare Part Set	8	15-13085	1
7-14	Spare Part Set	9	15-13086	1
7-14	Spare Part Set	10	15-13087	1
7-14	Spare Part Set	11	15-13088	1
<b>Spare Part Set TG200 200bar</b>				
7-14	Spare Part Set	5	15-13096	1
7-14	Spare Part Set	6	15-13097	1
7-14	Spare Part Set	7	15-13098	1
7-14	Spare Part Set	8	15-13099	1
7-14	Spare Part Set	9	15-13100	1
7-14	Spare Part Set	10	15-13101	1
7-14	Spare Part Set	11	15-13102	1
n = Number of Sight Length.				
Spare parts package consisting of 2x gasket, 2x mica package, and 2x pressure plate, as well as suitable number of cover screws and hexagon nuts according to size.				



## Digital Documentation

