

Transparent level gauge type mica

Sight openings staggered, even number, lateral connection

Application and function

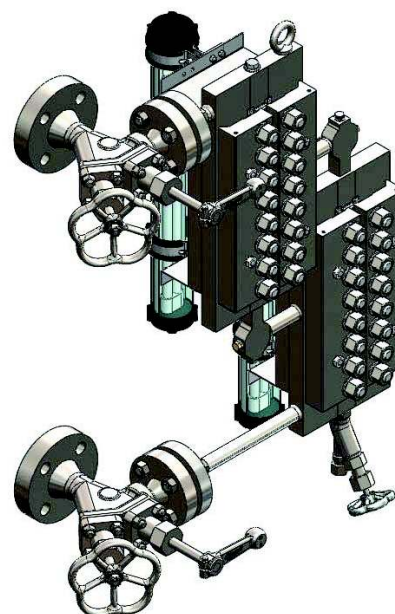
The transparent level gauge is a direct water level gauge with illumination which can be used for steam generators.

In the sight opening, the water level is visible at the interface between water level and steam. The product corresponds to the PED directive 97/23/EEC art. 3 par. 3 SEP (Sound Engineering Practice).

Applied rules as per TRD/AD200 or ASME-Boilers.

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
- Illumination device IP67
- Shutoff valve type A220 and A240
- Drain valve type AV500, AV520



Available (optional) versions

- Body material according to ASME
- Other drain valve

Technical data

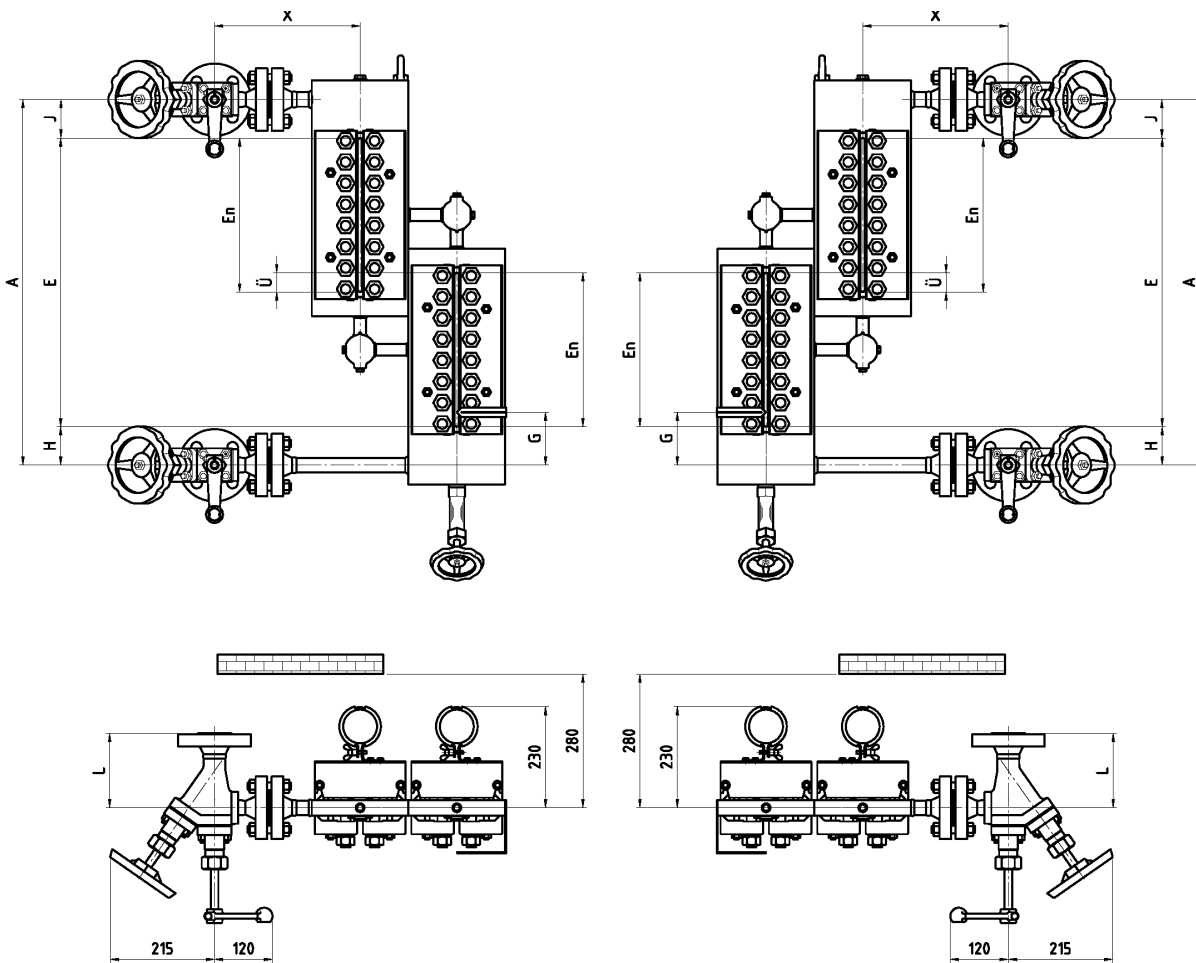
Allowable pressure	PS [bar]	32	50	80	100	160	200
Allowable temperature	TS [° C]	239	265	296	312	348	367
Shutoff valve	Type	A220		A240			
	Data sheet	D-09-D-16356-0		D-09-D-16357-0			
Drain valve	Type	AV500	AV520				
	Data sheet	D-09-D-16358-0					
Illumination	Type	LS-N-02 / -02-S		LS-N-03 / 03-S / -04			
	LS-N-02	LS-N-02-S	LS-N-03	LS-N-03-S	LS-N-04		
	IP67	IP66	IP54		IP66		
	110-230V / 50-60 Hz		230-240V / 50-60 Hz			110-230V	
With integrated ballast unit and plug	With integrated ballast unit and terminal box with main switch	With separate ballast unit and plug	With separate ballast unit and terminal box with main switch	With separate ballast unit and main switch integrated in one terminal box			
D-A1-D-16381-0	D-A1-D-16388-0	D-A1-D-16383-0	D-A1-D-16384-0	D-A1-D-16385-0			



Dimensions and tables

Left sided model

Right sided model



Size		5/nv	6/nv	7/nv	8/nv	9/nv	10/nv	11/nv
Sight length	E	200	230	260	300	320	340	380
Dimension	H/J _{min} [mm]	25						
	H/J _{max} [mm]	On request						



Information:

Depending on the size and version of the level gauge the customer has to arrange a sufficient brace support (eg. spring suspension etc.)





Dimensions and tables

Allowable pressure PS [bar]	Valve	Flange	L [mm]	Welding end	L [mm]	X [mm]
32	A220	DN20	170	DN20		210
50	A150	DN25	129	DN25		220
80	A150	DN 25	129	DN25		220
80	A220	DN25	160	DN25	160	235
100	A240	DN25	145	DN25	150	245
160	A240	DN25	155	DN25	150	300
200	A240	DN25	170	DN25	150	300



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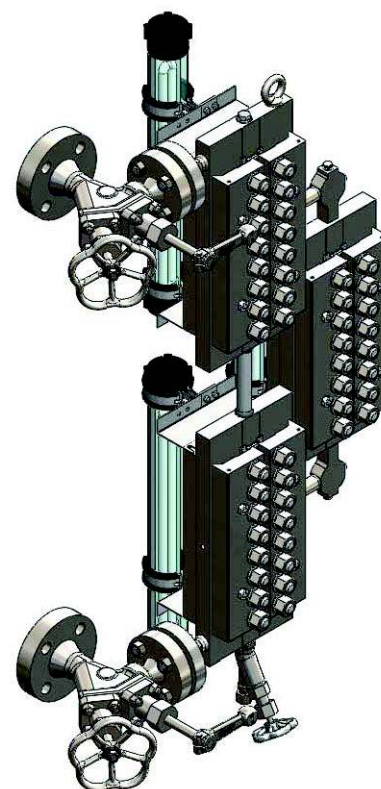
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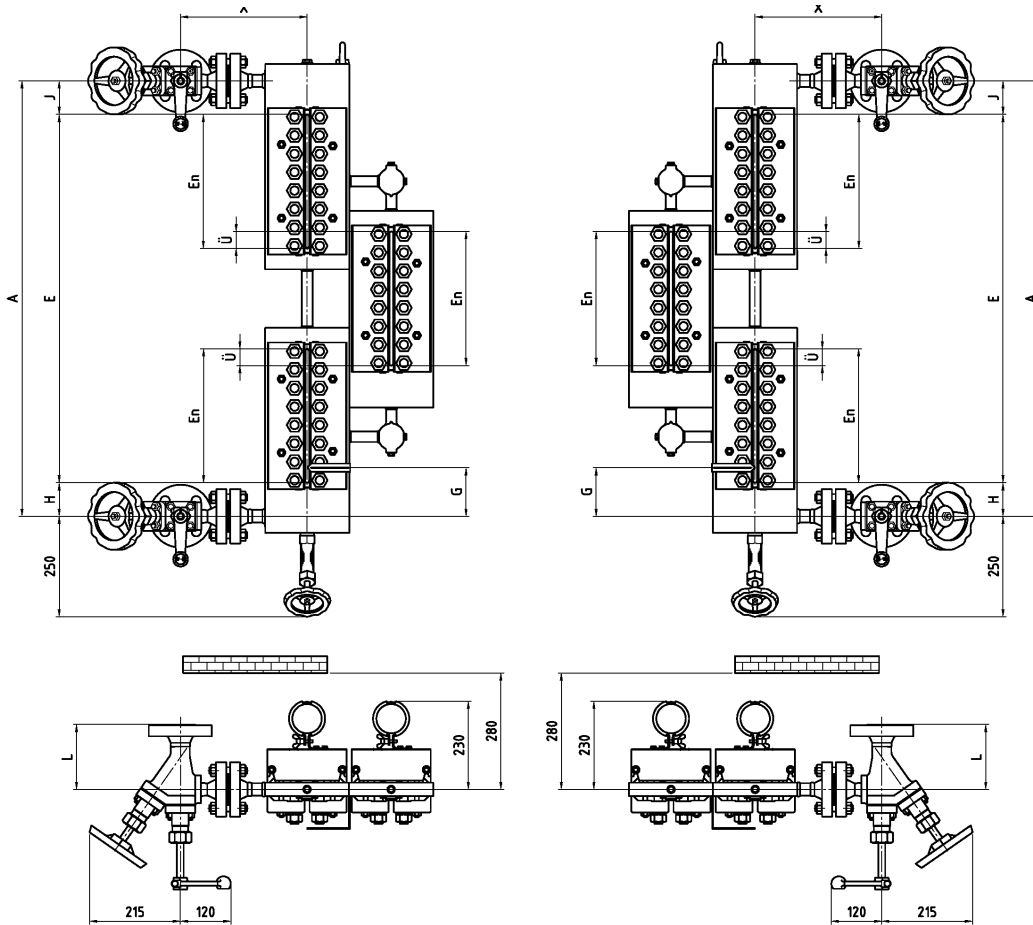
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Drain valve	Type	AV500	AV520				
	Data sheet	D-09-D-16358-0					
Illumination	Type	LS-N-02 / -02-S			LS-N-03 / 03-S / -04		
		LS-N-02	LS-N-02-S	LS-N-03	LS-N-03-S	LS-N-04	
		IP67	IP66	IP54		IP66	
		110-230V / 50-60 Hz		230-240V / 50-60 Hz		110-230V	
With integrated ballast unit and plug	With integrated ballast unit and terminal box with main switch	With separate ballast unit and plug	With separate ballast unit and terminal box with main switch	With separate ballast unit and main switch in one terminal box			
D-A1-D16381-0	D-A1-D-16388-0	D-A1-D-16383-0	D-A1-D-16384-0	D-A1-D-16385-0			



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160	A240	DN25	155	DN25	150	300
200	A240	DN25	170	DN25	150	300

