

Transparent level gauge type glass-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 A130, A150 and A220
- Drain valve type AV500, AV 520

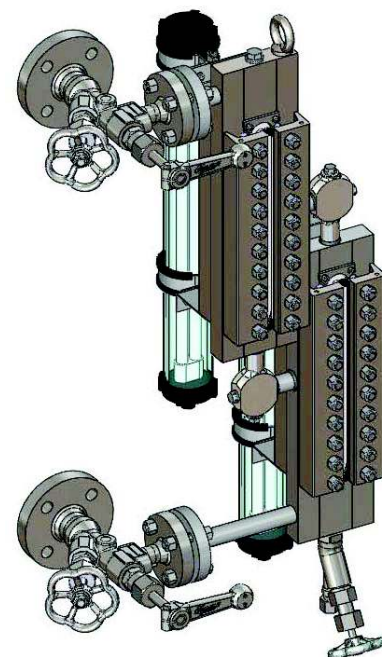
Available (optional) versions

- Body material according to ASME
- Other drain valve on request

Technical data

Allowable pressure	PS [bar]	20	32	50	80
Allowable temperature	TS [° C]	215	239	265	296
Shutoff valve	Type	A130		A150	
	Data sheet	D-09-D-16354-0		D-09-D-16355-0	
	Type	A220			
	Data sheet	D-09-D-16356-0			
Drain valve	Type	AV500		AV520	
	Data sheet	D-09-D-16358-0			

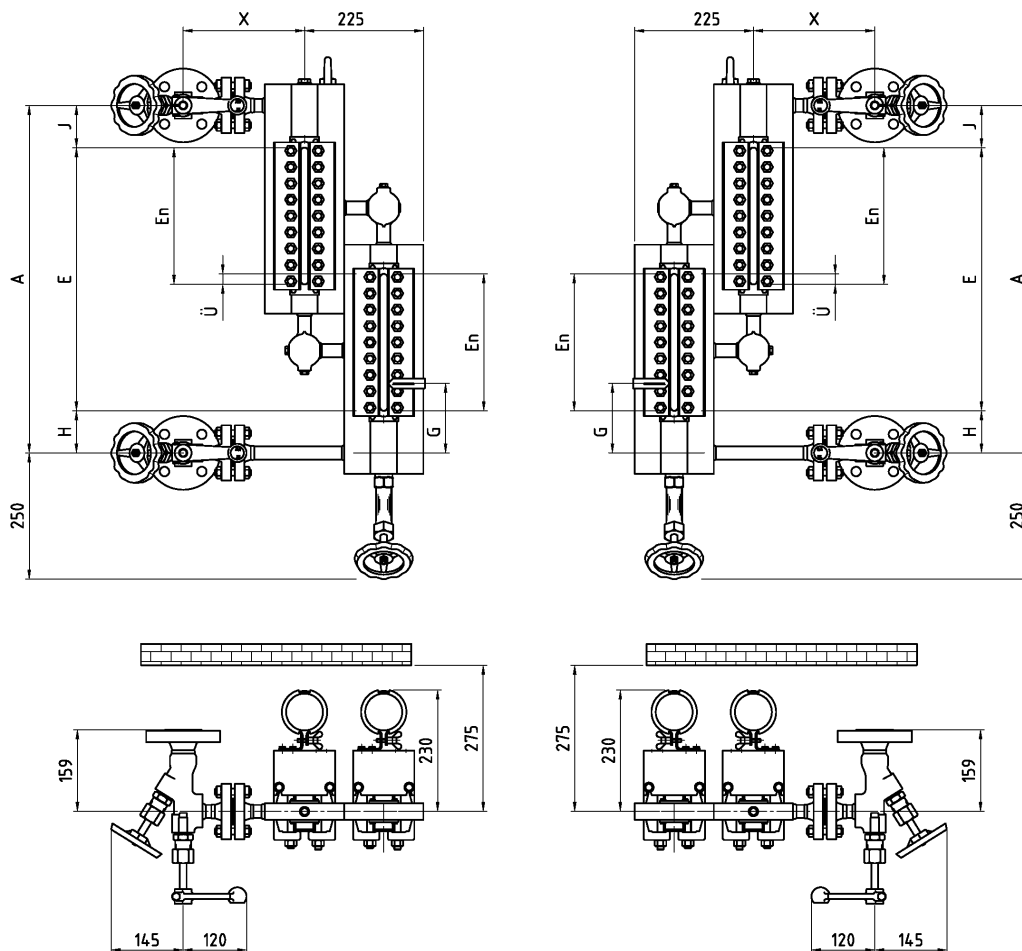
Illumination device					
LS-N-02			LS-N-02-S		
IP67	110-230V / 50-60 Hz		IP66	110-230V / 50-60 Hz	
With integrated ballast unit and plug			With integrated ballast unit and terminal box with main switch		
D-A1-D-16381-0			D-A1-D-16388-0		



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	350	400
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	Welding end	X [mm]	L [mm]
20-32	A130	DN20		225	140
20-32	A130	DN25		225	119
20-32	A130		DN20	225	130
20-32	A130		DN25	225	130
20-32	A220	DN20		225	170
50-80	A150	DN25		235	129
50-80	A220	DN25		235	159
50-80	A220		DN25	235	160



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- Shutoff valve type A130, A150 and A220
- Drain valve type AV500, AV 520

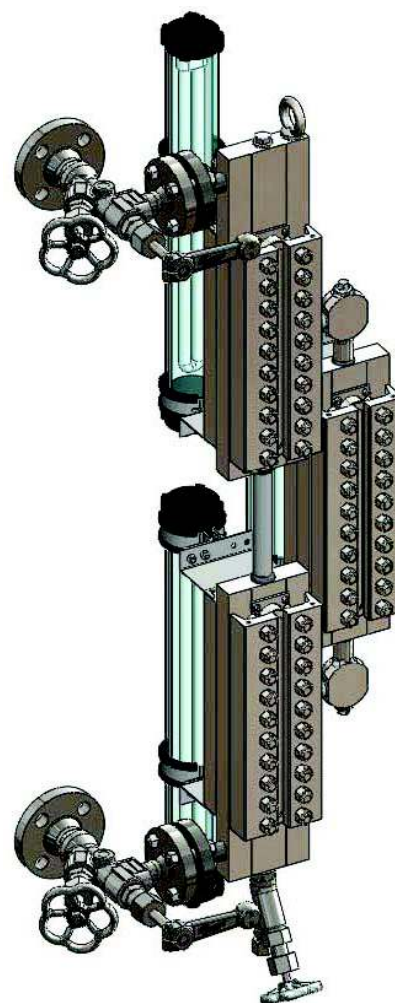
Available (optional) versions

- Body material according to ASME
- Other drain valve
-

Technical data

Allowable pressure	PS [bar]	20	32	50	80
Allowable temperature	TS [° C]	215	239	265	296
Shutoff valve	Type	A130		A150	
	Data sheet	D-09-D-16354-0		D-09-D-16355-0	
	Type	A220			
	Data sheet	D-09-D-16356-0			
Drain valve	Type	AV500	AV520		
	Data sheet	D-09-D-16358-0			

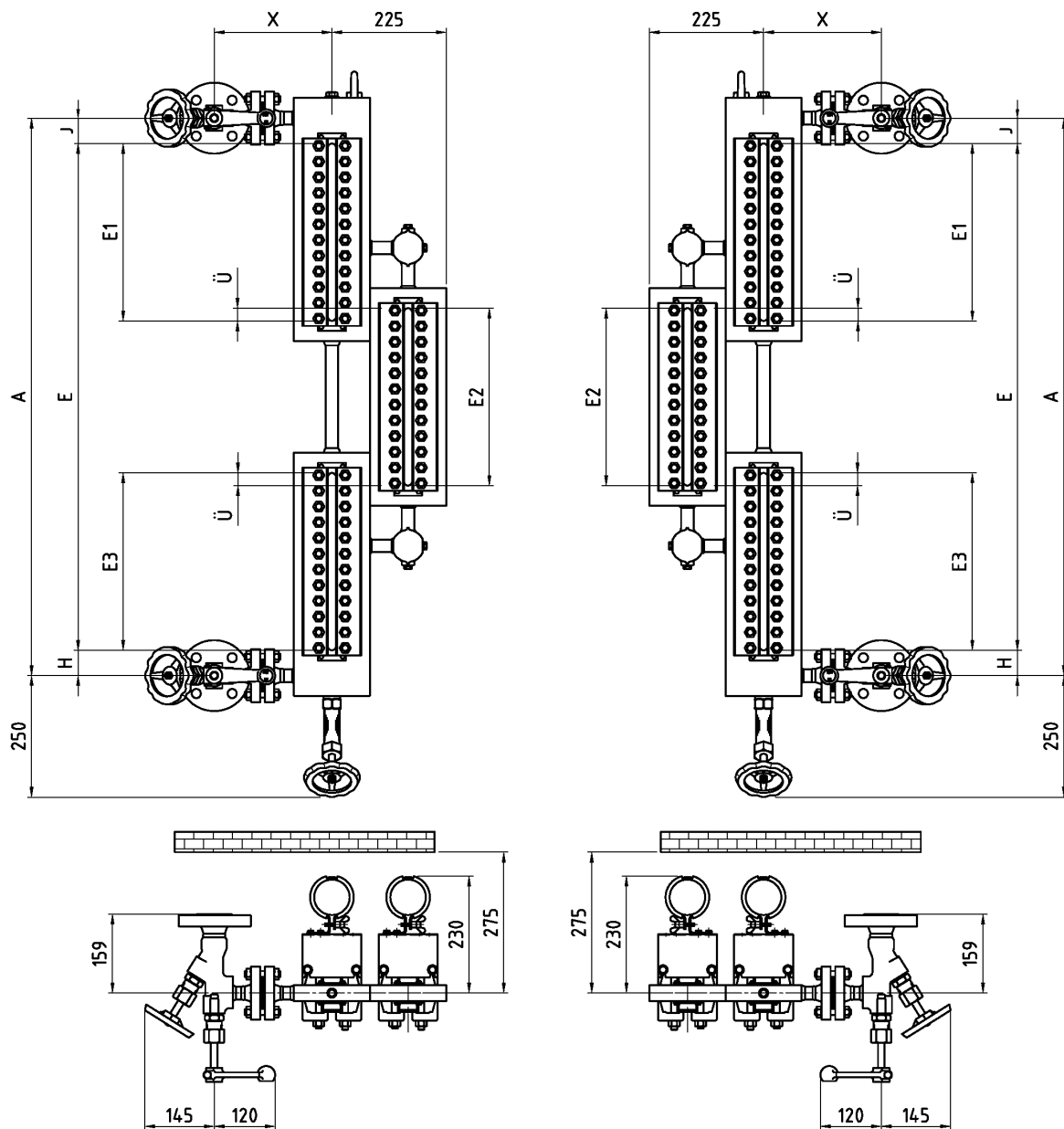
Illumination device					
LS-N-02			LS-N-02-S		
IP67	110-230V / 50-60 Hz		IP66	110-230V / 50-60 Hz	
With integrated ballast unit and plug			With integrated ballst unit and terminal box with main switch		
D-A1-D-16381-0			D-A1-D-16388-0		



Dimensions and tables

Left sided model

Right sided model



Dimensions and tables

Size		5/nv	6/nv	7/nv	8/nv	9/nv	10/nv	11/nv
Sight length	E	200	230	260	300	320	350	400
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.)

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20-32	A130		DN20	225	130
20-32	A130		DN25	225	130
20-32	A220	DN20		225	170
50-80	A150	DN25		235	129
50-80	A220	DN25		235	159
50-80	A220		DN25	235	160

