

Magnetic level gauge NA7-45D

Version flange / cap

Application and function

The magnetic level gauge with magnetic switches can be used as water level controller or limiter.

If the level gauge is used as water level limiter, the locking is done by means of a subsequent wiring.

It is a water level limiter without special construction.

The product corresponding to the PED directive 97/23/EEC has the CE mark no. 0035 of the notified body.

Applied rules as per TRD/AD2000 or ASME Boilers.

Technical basic equipment

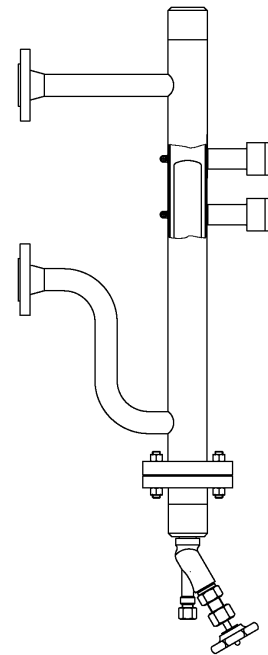
- Standpipe stainless steel
- Process connection carbon steel
- Adjustment range W free selectable
- 2 magnetic switches type M510-1-60 (D06-D-16312-0)
- Drain plug

Available (optional) versions

- Drain valve AV 500, AV 520 (other drainvalve on request)
- Indicating ledge AL2-G (D-06-D-16311-0) for an indirect reading water level indication. This indication can be used as second water level indicator as per TRD 401
- Additional magnetic switches M510-1-60
- Primary element type MRK (D-06-D-16313-0) with integrated R/I-converter, output 4-20 mA
- Light band indicator for remote level indication

Technical data

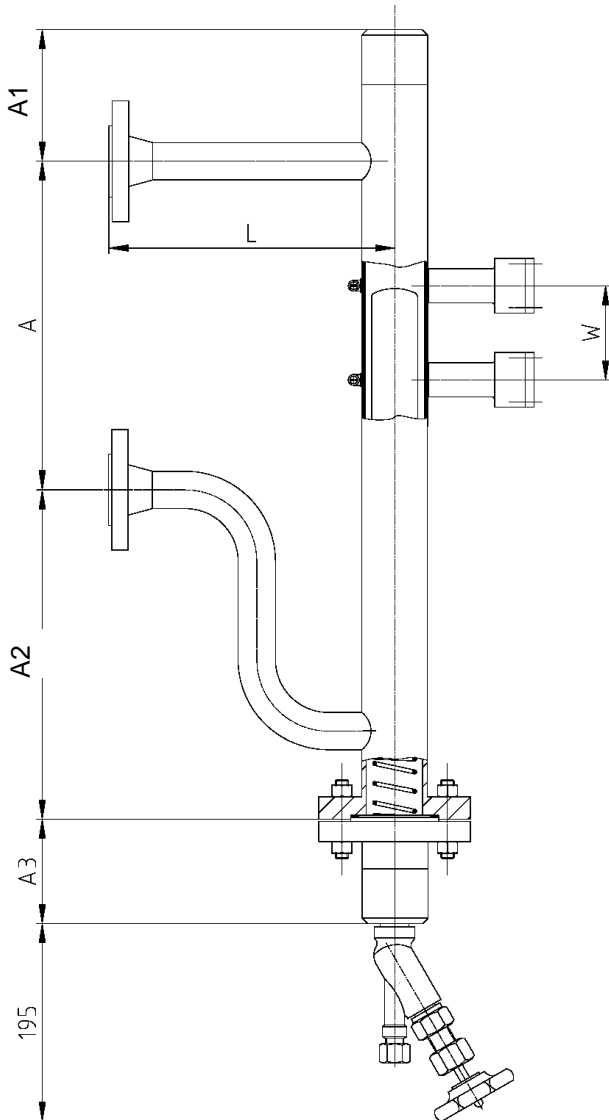
Component mark	TÜV ID: 0000006174			
Allowable pressure	PS	[bar]	32	50
Allowable temperature	TS	[° C]	239	265
Drain valve	Type		AV500	AV520
	Data sheet		D-09-D-16358-1	



• Basismuster geprüft
• Fertigung überwacht



- The indication ledge can be arranged in any position outside the areas of the connection studs.
- The component mark is only valid if shutoff valves are installed between process connection and boiler studs. A drain valve is also required.
- The functional test is made by lowering the water level in the standpipe.



Welding end	Socket welding

PS	A1	A2	A3	L
[bar]	[mm]	[mm]	[mm]	[mm]
32	150	360	100	260
50	150	375	115	275

