

## Level probe type

### EL030

#### Application and function

The level probe EL030 in connection with the controller SMLC2 is a LLW-limiter with safety function according to EC-Directive 2014/68/EC.

#### Technical basic equipment

Mechanical connection	G ½" (AF27)	
Electrical connection	Plug connection with screw terminals, traction relief	
Material	Probe housing	stainless steel
	Probe rod	stainless steel
	Probe extension	stainless steel
	Insulator	PTFE
	Socket	Polyamide
	Sealing ring	Soft iron

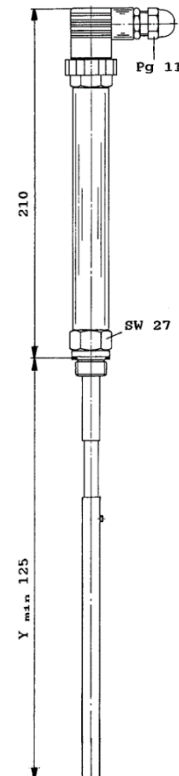
#### Technical data

EC-type examination	see controller		
	CE 0035		
Allowable pressure	PS	[bar]	32
Allowable temperature	TS	[°C]	239
Cable gland	M16x1,5		
Protection as per DIN VDE 0470	IP65		
Allowable temperature on the plug	100°C		

Baumaß Y [mm] min. 125		
1700	with protection tube > DN80	vertical installation position
800	with protection tube DN50	vertical installation position
800	with protection tube DN50/100	inclined installation up to 45°

#### Addition

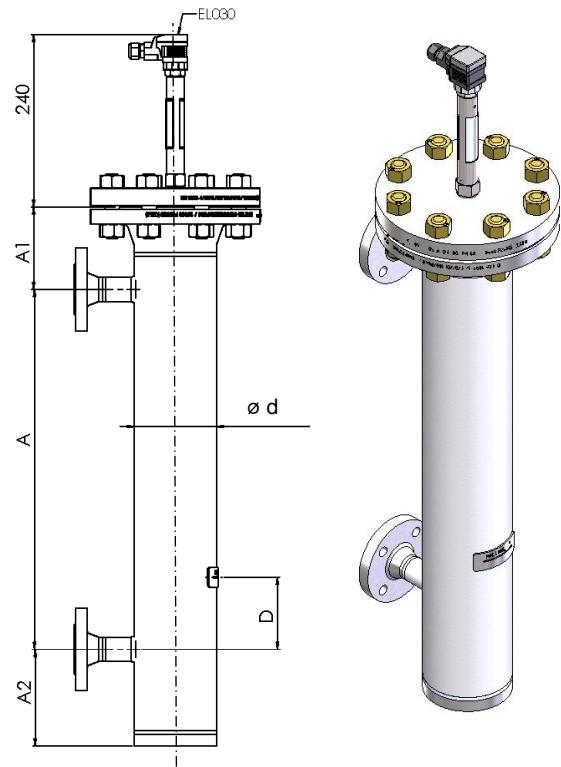
- If shut-off valves are mounted between the process connections of the add-on-housing and the boiler supports, an electric locking system (end switch) must be installed.
- A drain valve is to be mounted to the add-on-housing.
- Use in mounting supports if the boiler support corresponds to the representations according to current data sheet. Protective tube K, flange, screws, nuts and seals can also be supplied.
- Electrode support flange.



EC-Type-Examination  
SIL 3  
Production monitored

## Standpipe

PS [bar]	DN	ø d	L	D	A1	A2
13	50	60,3	115	Variabel	114,5	134,5
20						
32						
13	100	114,3	140	Variabel	114,5	134,5
20						
32						



## Flanges and fixing elements

PS [bar]	DN	DIN	Form	Tapped hole acc. to fig.	Material	Sealing as per DIN	Material
32	40	EN-1092-1	B1	1	1.0460	EN 1514-1 IBC	Asbestfrei
32	50	EN-1092-1	B1	1, 2 oder 8		EN 1514-1 IBC	Asbestfrei
32	100	EN-1092-1	B1	1 bis 7		EN 1514-1 IBC	Asbestfrei



PS [bar]	DN	Screw				Nut			
		DIN	Quantity	Dimension	Material	DIN	Quantity	Dimension	Material
32	40	976	4	M16x75	1.7709	EN 24032	8	M16	1.7709
32	50	976	4	M16x75		EN 24032	8	M16	
32	100	976	8	M20x90		EN 24032	16	M20	

