



Level probe

EL040

Application and function

The level probe EL040 in connection with the self-monitoring high-water level limiter SMHC2 is a piece of equipment with a safety function according to EU Directive 2014/68/EU.

Technical basic equipment

Mechanical connection	G ½" (SW27)	
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-component test	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 plug	100°C	



EC-Type-Examination
SIL 3
Production monitored

Edition 01/2021
Subject to change without a note.

Technical data (cont.)

Dimension 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°

Additional

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

Digital Documentation

