



# Level probe

## EL041

### Application and function

The EL041 level electrode is used in conjunction with the following control units:

LMC2	Low water level limiter
DHR1	2-point water level controller with HWL-alarm
DLR1	2-point water level controller with LWL-alarm
DS1	LWL and HWL signalling

### Technical basic equipment

Mechanical connection	G 1/2" (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

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		



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

