

## Level probe type EL041

### Application and function

The level probe type EL041 serves as primary element for the following controllers

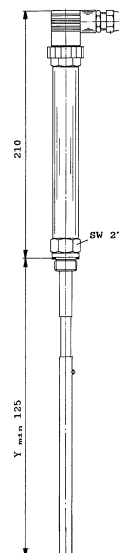
LMC1	Low water level limiter
DHR1	2-point water level controller with HWL-alarm
DLR1	2-point water level controller with LWL-alarm
DS1	LWL and HWL signaling

### 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	Polyamid
	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
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°



### The component mark is only valid:

- For standpipes: if shutoff valves have been installed between connection flanges and boiler nozzles. A drain valve is also required
- For nozzels: if boiler nozzle corresponds to the construction according to data sheet D-08-D-16351-0.
- Protection tube K, flanges, screws, nuts and sealings can be delivered too.
- For probe installation see data sheet D-08-D-16352-0

