

Level probe type EL040

Application and function

The level probe EL040 in connection with the controller SMHC1 is a high water level limiter of special construction as per DIN EN 50156-1 and the German rule "Wasserstand 100".

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

Component mark	TÜV • ID : 00000006512		
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

