



Level probe type EL040

Application and function

The level probe EL040 in connection with the controller SMHC1 is a high water level limiter of spezial 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 : 0000006512		
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	vertical installation position
	tube > DN80	
800	with protection	vertical installation position
	tube DN50	
800	with protection	inclined installation up to 45°
	tube DN50/100	

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



