

Capacitive Level Probe EC 8

Application and function

In conjunction with the self-monitoring continuous water level transmitter DLT2 the EC 8 continuous capacitive level probe is a level transmitter for a water level control system.

The product meets EC Directive 2014/68/EU (PED).

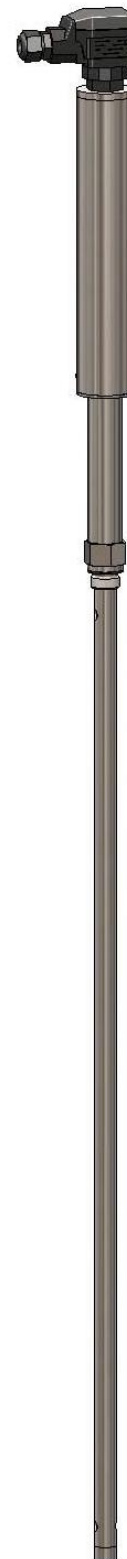
Regulations applied: corresponding DIN EN standards.

Standard technical equipment

Mechanical connection	Thread G ½"	
Electrical connection	Connector plug GSP 4-pole	
Materials	Electronics housing	stainless steel
	Electrode	stainless steel
	Electrode shank	stainless steel
	Insulator	PTFE
	plug / socket	Polyamid

Electrical data

Responsiveness	>0,5µS/cm at 25° C
Power supply	24V
Power consumption	0,6W
Data exchange	digital via data cable
Electrical connection	24V via cable
Protection class	IP65 in accordance with DIN EN 60529
Allowable ambient temperature	0° C to 85° C
Self-test	every 3sec



Technical data

Allowable pressure	PS [bar]	32
Max. allowable temperature	TS [° C]	239
plug / socket	GSP / GDME 4-polig	
Protection class according to DIN EN 60529	IP65	
Max. allowable ambient temperature at the plug	85° C	

Construction dimension Y [mm] (min. 150)		
2100	with protection tube > DN80	vertical installation position
800	with protection tube DN50	vertical installation position

min. possible measuring range	50mm
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add-on housing

- Shut-off valves must be mounted between the process connections of the add-on house and the boiler supports and a relief valve must be fitted on the add-on housing!
- If used, inlet connections must conform the drawings of datasheet D-08-D-16351-EN-0.

Protective tube K, flange, screws, nuts and seals can also be supplied.

- For electrode support flange see data sheet D-08-D22510-EN-0

plug:

