

Probe (capacitive) type EC6

Application and function

As primary element in connection with level transmitter type DLT1 for below listed equipment and function

	Function		Component mark
DLT1	Level transmitter	Continious regulation	TÜV WRS
KS90	Controller		
RV...	Motorized valve		
LB16	Indication		

Technical basic equipment

Mechanical connection	G ½ (SW27)	
Electrical connection	Coaxial through screw plug PL259/LF	
Material	Probe housing	stainless steel
	Probe rod	stainless steel
	Insulator	PTFE
	Socket	Brass, nickel-plated
	Sealing ring	Soft iron

Connection line to level transmitter DLT1 – MIL-C-17F-RG-059BU – max. 150 m
The plug-in connection must be protected on site against penetrating of humidity

Technical data

Allowable pressure	PS [bar]	32
Allowable temperature	TS [° C]	239
Cable gland		Plug connector
Protection as per DIN VDE 0470		
Allowable temperature on plug		100° C
Dimension Y [mm]	Measuring range [mm]	
Maximal 1200	$E_{min.} = 50$	Vertical installation
(Y > on request)	$E_{max.} = (Y - 100)$	

Indicate measuring range E and dimension Y in case of order.
The probe must not be cut.

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

