

1.3 DULCOTEST® Conductivity Sensors

Conductivity Sensor CCT 1-mA

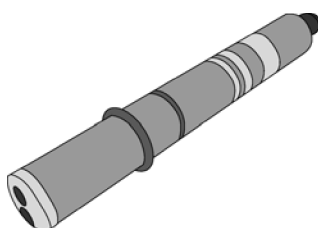
Sensor for the measurement of electrolytic conductivities for clear and also chemically contaminated water. With integrated temperature measurement and factory-calibrated 4...20 mA output signal. For operation with the controllers diaLog DAC, AEGIS® II, DULCOMARIN®.



NEW

Your benefits

- Measured variable: electrolytic conductivity up to 20 mS/cm
- Reliable 4-20 mA output signal for the flexible connection to different measuring devices
- Integrated temperature sensor for temperature compensation replaces separate temperature sensor and the corresponding sensor fitting



P_DT_0078_SW

Measuring range	0.2...20 mS/cm
Temperature measurement	NTC, integrated
Medium temperature	0 ... 50 °C (at 1 bar)
Max. pressure	8.0 bar, (at 25 °C)
Sensor head	PMMA
Sensors	Special graphite
Shaft material	PVC
Fitting length	51 mm / 71 mm
Installation	Bypass via sensor fittings DGM, DLGIII or installation into G1" PP pipe via INLI sensor fitting
Electrical connection	4-wire cable, 0.25 mm ² , cable diameter 5.7
Power supply DC	12...36 V DC
Voltage 4 ... 20 mA loop	4... 20 mA loop + 7.5 V
Output signal	4 ... 20 mA, temperature-compensated, factory-calibrated, galvanically isolated
Enclosure rating	IP 65
Typical applications	Cooling, industrial, process water, general water with higher salt content up to 20 mS/cm
Resistance to	Ingredients in the water of the target application, taking into account the compatibility of the material
Measuring and control equipment	diaLog DAC, AEGIS II, DULCOMARIN®
Measuring principle	Conductive, 2 electrodes. Integrated temperature measurement, integrated 4...20 mA transducer

Order no.

CCT 1-mA-20 mS/cm	1081545
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Please observe the general notes on p. → 1-85 (Overview Table for Conductivity Sensors)

