

1.3 DULCOTEST® Conductivity Sensors

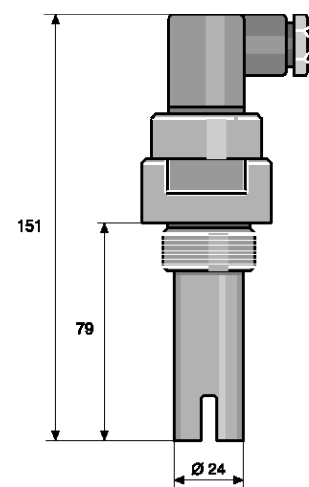
Conductivity Sensor CKPt 1



Sensor for the measurement of the electrolytic conductivity for clear, chemically contaminated water and higher temperatures. With integrated temperature measurement and DIN 4-pin plug. For operation with the controllers Compact DCCa, DMTa, D1Ca

Your benefits

- Measured variable: electrolytic conductivity above 10 µS/cm
- Resistant to water ingredients in target applications thanks to injection-moulded design without adhesive or seals
- High temperature resistance up to 150 °C
- Integrated Pt 100 for temperature compensation replaces separate temperature sensor and the corresponding sensor fitting



pk_6_046

Measuring range	0.01...20 mS/cm
Cell constant k	1.00 cm ⁻¹ ±5%
Temperature measurement	Pt 100
Medium temperature	0 ... 150 °C (at 1 bar)
Max. pressure	16.0 bar, (at 20 °C)
Sensors	Special graphite
Shaft material	PES
Thread	R 1"
Length when fitted	79 mm
Installation	Bypass: with or without return of the sample water into the process line, inline: direct installation into the pipework; fixed or replaceable (replaceable fitting), tank, channel: Immersion in the immersion tube
Electrical connection	DIN 4-pin angle plug
Enclosure rating	IP 65
Typical applications	Cooling, industrial, process water, tank and pipe cleaning systems in breweries and dairies, separation of media.
Resistance to	Ingredients in the water of the target application, taking into account the compatibility of the material
Measuring and control equipment	Compact DCCa, DMTa, D1Ca, AEGIS II
Measuring principle, technology	Conductive, 2 electrodes. Integrated temperature measurement

Order no.

CKPt 1	305606
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