

1.3 DULCOTEST® Conductivity Sensors

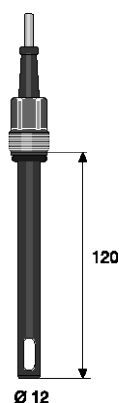
Conductivity Sensor LFTK 1 FE-5m-shd



Cost-effective sensor for the measurement of electrolytic conductivity in clear, uncontaminated water. With integrated temperature measurement and fixed cable connector (5 m). For operation with controllers Compact DCCa, DMTa

Your benefits

- Measured variable: electrolytic conductivity above 10 µS/cm
- Cost-effective sensor for all clear uncontaminated water
- Flexible process connection by the use of sensor fittings for standard pH sensors
- Special graphite electrodes, optimised for a highly dynamic measuring range: 0.01-20 mS/cm
- Integrated Pt 1000 for precise temperature compensation in limited temperature ranges replaces separate temperature sensor and the corresponding sensor fitting
- Fixed cable on the sensor head for difficult ambient conditions



pk_6_085

Measuring range	0.01 ... 20 mS/cm
Cell constant k	1.00 cm ⁻¹ ±5%
Temperature measurement	Pt 1000
Medium temperature	0 ... 80 °C (at 1 bar)
Max. pressure	16.0 bar, (at 25 °C)
Sensors	Special graphite
Shaft material	Epoxy
Thread	PG 13.5
Fitting length	120 mm ±3 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	5 m fixed cable (4 x 0.25 mm ²), screened
Enclosure rating	IP 65
Typical applications	Potable, cooling, industrial water.
Resistance to	Unsuitable for chemically contaminated water and water containing film-forming ingredients
Measuring and control equipment	Compact DCCa, DMTa, D1Ca, AEGIS II
Measuring principle, technology	Conductive, 2 electrodes. Integrated temperature measurement

Order no.

LFTK 1 FE-5m-shd	1046132
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Please observe the general notes on p. → 1-85 (Overview Table for Conductivity Sensors)

