

1.3 DULCOTEST® Conductivity Sensors

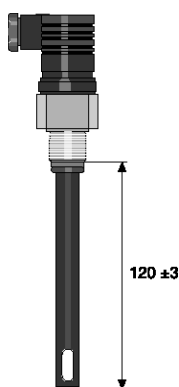


Conductivity Sensor LFTK 1 1/2"

Cost-effective sensor for the measurement of electrolytic conductivity in clear, uncontaminated water. With integrated temperature measurement and DIN 4-pin plug and 1/2-inch screw thread. For operation with controllers Compact DCCa, DMTa

Your benefits

- Measured variable: electrolytic conductivity above 10 µC/cm
- Cost-effective sensor for all clear, uncontaminated types of water
- Hydraulic connector with 1/2" thread as an alternative to the corresponding standard design with PG 13.5 thread
- Special graphite electrodes, optimised for a highly dynamic measuring range: 0.01-20 mS/cm
- Integrated Pt 1000 for precise compensation in limited temperature ranges and with longer cables. Replaces separate temperature sensor and the corresponding sensor fitting
- DIN 4-pin plug for simple installation



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| 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 | 1/2" |
| 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 | DIN 4-pin angle plug |
| Enclosure rating | IP 65 |
| Typical applications | Potable, cooling, industrial water. Sensors of the LF series have only limited applicability for taking measurements in cleaning solutions containing surfactants and media containing solvents. |
| 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 1/2" | 1002823 |

Please observe the general notes on p. → 1-85 (Overview Table for Conductivity Sensors)

