



innovative
Sensor
Technology

Conductivity sensor for low conductivity



Optimal for applications with a conductivity measuring range from 1 $\mu\text{S}/\text{cm}$ to 15 $\mu\text{S}/\text{cm}$ (typical cell constant of 0.2 cm^{-1})

Ideal for lower conductivity measurement applications, e.g. coolant or pure water monitoring

Product Name: LFS.2ID.1212.63A2.4FC.P1K0.B

Conductivity range: 1 $\mu\text{S}/\text{cm}$ to 15 $\mu\text{S}/\text{cm}$

Cell constant: typical 0.2 cm^{-1}

Layout: 2 Interdigitated electrodes and soldered temperatures sensor (Pt1000, class F0.3) on backside

Operating temperature range: -30 °C to + 100 °C

TCR temperature sensor: Platinum 3850 ppm/K

Nominal resistance: 1000 Ω at 0 °C

Tolerance/class: IEC 60751 F0.3 (Class B)

Chip size/dimensions:

11.85 mm x 11.85 mm x 0.63 mm (without temperature sensor soldered on backside)

Connection type: Solderable pads

Product code: 158919

Product details

Conductivity sensor for middle conductivity range > Details

Benefits & Characteristics of the conductivity sensor

- Wide conductivity and temperature range
- Fast response time
- Optimal accuracy
- Resistance to various chemicals
- Excellent long-term stability
- Four-electrode measurement
- Customer-specific sensor available upon request

Quality

Consistent with the well-known, high-quality standards in Switzerland, IST AG is certified according to ISO 9001:2015 (quality) and ISO 14001:2015 (environment).

Appropriate processes are part of our daily work. They are regularly audited and extended parallel to the growth of our company.

[> Read more](#)

The online shop

Quantity (pieces)	Price (per piece)
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5-49	CHF 25.00
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50-95	CHF 23.00
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100-150	CHF 22.00
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Stock: **0**