



innovative  
Sensor  
Technology

# Conductivity sensor for middle conductivity range



Optimal for applications with a conductivity measuring range from 2 mS/cm to 20 mS/cm (typical cell constant of 0.66 cm<sup>-1</sup>)

This double-sided element is ideal for medium conductivity measurement applications, e.g. dialysate monitoring, water quality measurement, and biological and chemical processing.

**Product Name:** LFS.4CO.1614.63A2.CON.P1K0.C

**Conductivity range:** 2 mS/cm - 20 mS/cm

**Cell constant:** typical 0.66 cm<sup>-1</sup>

**Layout:** 4 concentric electrodes and soldered temperature 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 F0.6 (Class C)

**Chip size/dimensions:** 16 mm x 14 mm x 0.63 mm (without temperature sensor soldered on backside)

**Connection type:** Connector JST BM06B-SRSS-TB on backside

**Product code:** 158615

## 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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50-99	CHF 23.00
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100-150	CHF 22.00
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Stock: **0**