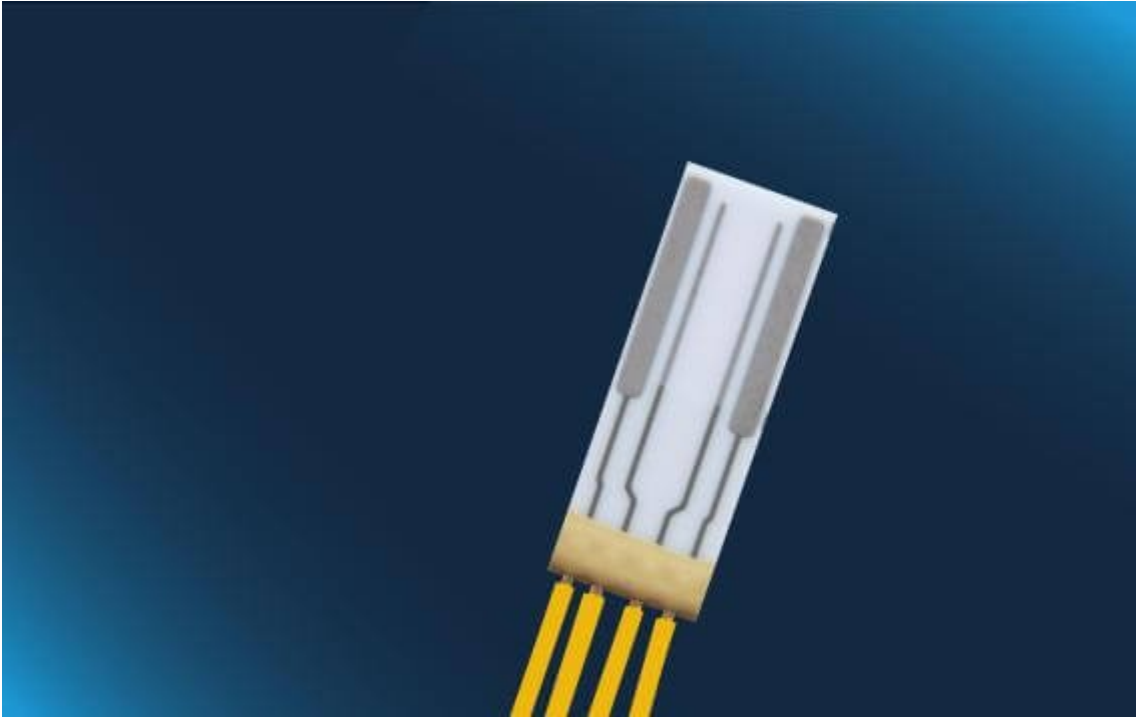


# Conductivity sensor with insulated wires



Commodity conductivity sensor with four-electrode measurement for various conductivity measurement applications. Measuring range from 100  $\mu\text{S/cm}$  to 100  $\text{mS/cm}$  (typical cell constant of  $0.66 \text{ cm}^{-1}$ )

Without an additional temperature sensor, this low-cost version of the LFS1505 is suitable for applications where temperature changes are negligible, such as in some household appliances or monitoring of water quality.

**Product Name:** LFS1505.2L.20-4

**Conductivity range:** 100  $\mu\text{S/cm}$  to 100  $\text{mS/cm}$

**Cell constant:** typical  $0.66 \text{ cm}^{-1}$

**Layout:** 4 electrodes

**Operating temperature range:**  $-30 \text{ }^{\circ}\text{C}$  to  $+100 \text{ }^{\circ}\text{C}$

**Chip size/dimensions:**  $14.9 \times 5.5 \times 1.2 \text{ mm}$

**Connection type:** 4 wires

**Wires:** Cu/Ag stranded wires

**Wire dimensions:** AWG28/7, PTFE insulated, 20 mm long  
**Product code:** 154008

## Product details

### Benefits & Characteristics of the conductivity sensor

- Wide conductivity and temperature range
- Fast response time
- Optimal accuracy
- Resistance to various chemicals<sup>1)</sup>
- Excellent long-term stability
- Four-electrode measurement<sup>2)</sup>
- 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)
5-49	CHF 12.00
50-99	CHF 9.00
100-150	CHF 8.00

 : **22**