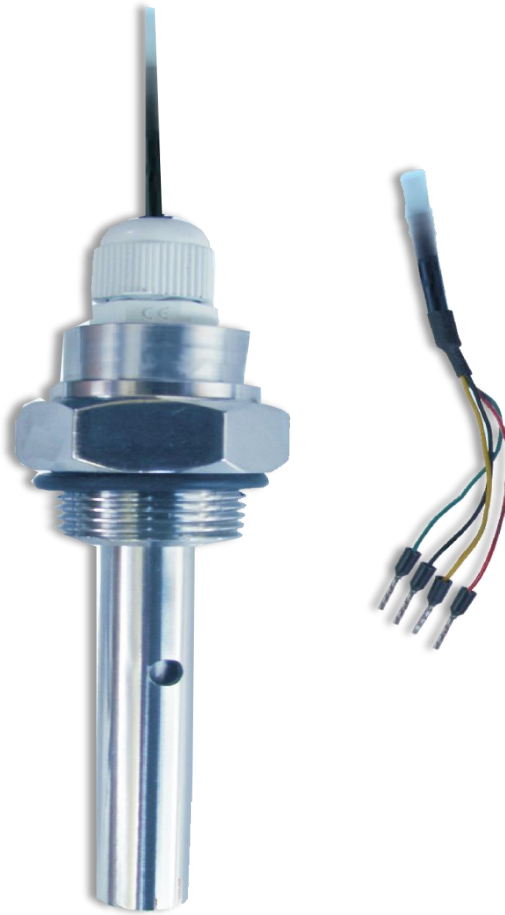


# Industrial Conductivity / TDS sensor

Model : CSI - 0.01



## INTRODUCTION

**This series conductivity cell are designed for continuous use in water temperature up to 80°C. The cell may be installed directly in to the process of stream (or) optional bypass chamber.**

**Cell with k- 0.01 covers range from 0.05 to 20 $\mu$ s . They are extremely suitable for pure and high purity water application. the electrode material for these cell is stainless steel 1.4571.**

**The cell measures the sample passing through inside of cell chamber to eliminate error caused by external metallic surface. This makes them ideal for installation of metallic flow lines.**

## FEATURES

- ✓ Pure and highly purified water
- ✓ Boiler feed water
- ✓ Chip manufacturing
- ✓ High temperature application
- ✓ Pharmaceutical, etc.,.

## Technical Specifications

| Model                 | CSI - 0.01                                             |
|-----------------------|--------------------------------------------------------|
| Pressure              | 0 to 7bar                                              |
| Range                 | 0.05 to 20μs                                           |
| Resolution            | 0.01                                                   |
| Operating temperature | 0 to 80°C                                              |
| Response time         | 90% of value in <5sec.                                 |
| Body                  | Stainless steel outer cell, Stainless steel inner cell |
| Connector             | Pin type                                               |
| Process connection    | Front: ¾" BSP male                                     |
| Cable                 | Standard : 5meter (Optional : 10 meter)                |
| Temperature sensor    | Pt100 RTD sensor (optional)                            |

**Note:** Due to continuous product improvements, Published specifications may change with out notice



## SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879

( Thermal, Mechanical, Electro-Technical, Dimension Parameters )

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