

# Conductivity cells with Triclover fitting

## Features

- K=1.0 or K=0.1 factors
- Slim 12mm diameter design
- 1.5" triclover fitting
- Pt100 temperature compensation sensor

## Description

The P-CS51T range of conductivity cells are designed for use where sanitary conditions are to be met. The cells are constructed from 316L stainless steel with seamless joints between the stem and the triclover fitting.

The cells are available with K factors of K=1.0 or K=0.1

The cells are fitted with a 5m cable and include a Pt100 RTD temperature compensation sensor.

Wetted materials of construction are 316 stainless steel and Teflon, with double redundant EPR O-ring seals. The temperature sensor element is potted in the body itself.

The sensor can withstand both steam sterilisation, or cleaning by any of the commonly used sanitising solutions such as bleach, ozone, etc..



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### Specifications

Maximum operating temp.	120°C
Maximum pressure	7bar
Cable	5m, 4 core
Temperature sensor	Pt100 RTD
Wetted materials	316L S-steel, Teflon, EPR

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### Dimensions

Stem Length	67mm
Stem Diameter	12mm
Triclover fitting diameter	1.5"

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### Cable colour code

Inner electrode	Black
Outer electrode	White
Temperature sensor +	Red
Temperature sensor -	Green
Shield	Clear

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### Order Code

P-CS51T0.1RT5M	K factor K=0.1
P-CS51T1.0RT5M	K factor K=1.0

These conductivity cells is ideal for direct connection to AIC's range of conductivity cell input instrumentation.

The monitors include single and dual channel panel mount models (PM4-CO and PM4-2CO) and the single channel DIN rail mount model (RM4-CO)

CONDCS51T-1.0-0

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**AMALGAMATED INSTRUMENT CO PTY LTD**

ACN: 001 589 439

Unit 5, 28 Leighton Place Hornsby  
NSW 2077 Australia

Telephone: +61 2 9476 2244  
Facsimile: +61 2 9476 2902

e-mail: sales@aicpl.com.au  
Internet: www.aicpl.com.au