



Model CP621 Insertion Conductivity Cells



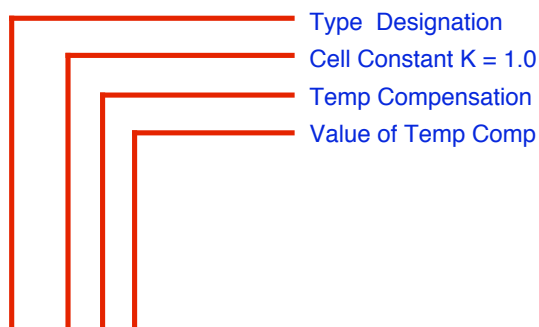
- * High Quality cPVC & Graphite Sensor.
- * QR Connector for Easy Servicing
- * Cell K = 1.0 or K = 0.1
- * 3/4" Male BSP Mounting Thread.
- * Option for Built in Auto Temp

The CP621 series of Electrolytic Conductivity measuring cells are designed for the measurement of Electrolytic Conductivity directly in plastic tanks, plastic vessel and plastic pipework.

The cells are of simple robust construction manufactured from cPVC & epoxy resin with carbon electrodes, mounted into a 3/4" B.S.P. male threaded boss and fitted with a detachable connector for ease of servicing.

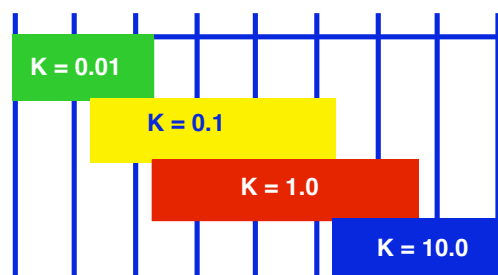
The CP621 series of cells maybe supplied with automatic temperature compensation to suit most popular manufacturers conductivity instruments.

Typical applications include measurement and control of de-min water from ion exchange plants, potable waters, and TDS control of evaporative cooling water.



CP621-10 -T-10K

0.01µS 0.1 µS 1.0 µS 10 µS 100 µS 1mS 10mS 100mS 1000mS



Approximate Ranges Of Measurement
For Conductivity Cells

Specifications

Materials of Construction

Cell constant

Measurement range

Max. temp.

Max. pressure

Auto. temp. comp.

Mounting

Insertion Length

Connections

CP621 Conductivity Cells

cPVC epoxy resin & carbon

Manufactured with K = 1.0 and K = 0.1

Depends up the instrument being used typically
K = 1.0 upto 20.0 mS and K = 0.1 upto 2.0 mS

PVC. 50 oC

5 Bar at 20 oC

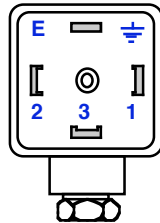
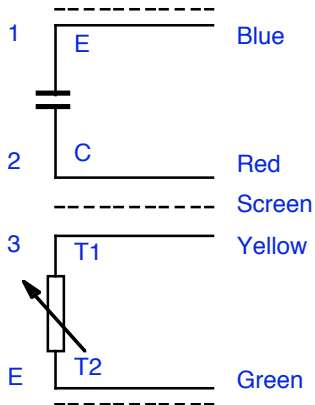
Maybe mounted into the cell
as required by the instrument in use

By 3/4" BSP male thread

Standard 50 mm

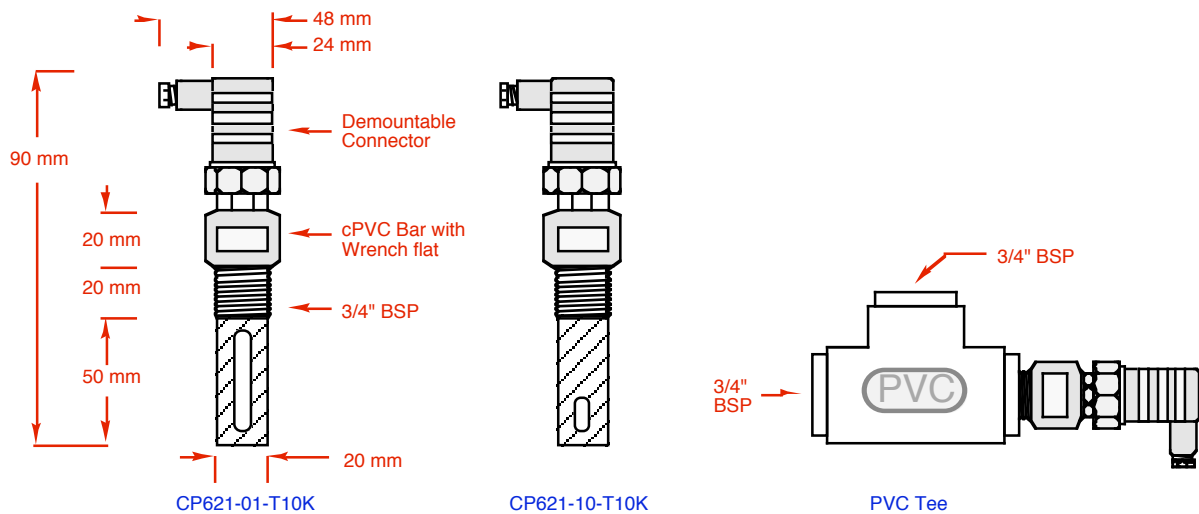
Standard by demountable connector

Connections



Use LMK2 cable for cells without Auto Temp Comp for cells with auto temp comp fitted used LMK4 connecting cable. The screen should be earthed at the instrument but not connected at the cell end max cable length 25 metres

Dimensions



AWE

Automated Water & Effluent Ltd

AWE House Antom Court, Tollgate Drive, Beaconside, Stafford, ST16 3AF UK.

Tel: 01785 254597 Fax: 01785 257724

www.awe-ltd.co.uk email sales@awe-ltd.co.uk