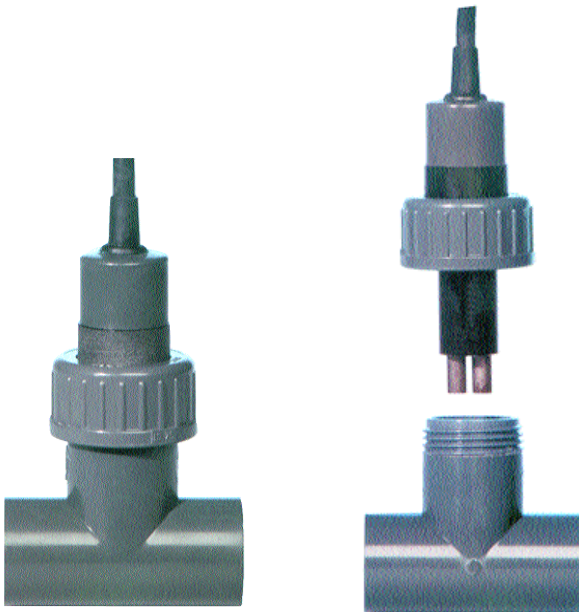




Model FL3 & IN3 Conductivity Cells



FL3 10

FL3 01

The Model FL3 Series of Conductivity measuring cells are low cost flowline cells in uPVC. with carbon electrodes. The cell is manufactured to be easily removed from its holder for inspection and cleaning without the use of any special tools.

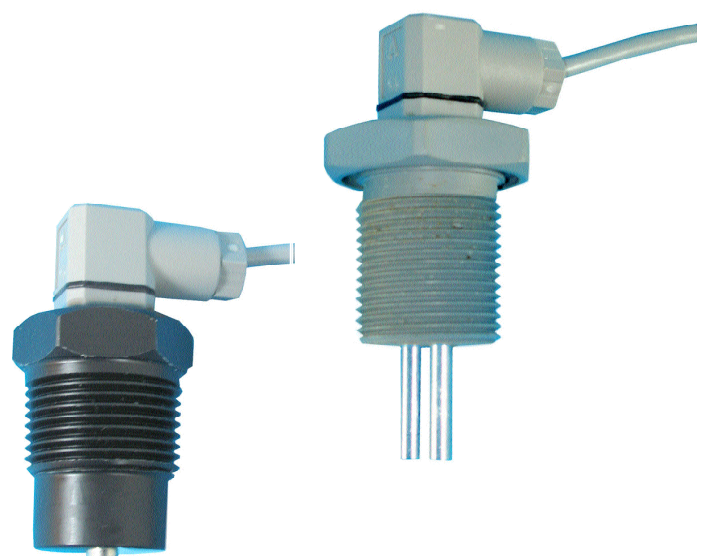
The FL3 series of cells maybe fitted with Automatic Temperature Compensation if required to suit the instrument in use. The cells are intended for solvent cementing into 3/4" P.V.C. pipe work. But can be supplied with 1/2" B.S.P. female fittings other mountings can be made to order.

For applications include the measurement of pH, Redox, Dissolved Oxygen and Temperature our PES1-QR style electrode holders are of smiler design and the same fitting. So a manifold can be made of matching sensors for differing parameters for water quality monitoring.

The Model IN5 series of Conductivity measuring cells are low cost insertion cells in cPVC. with stainless steel electrodes. The cells are manufactured with constants of either $k = 1.0$ or $k = 0.1$ when using the cells with $k = 0.1$ and the model ARC1 conductive controller the measuring range is reduced by a factor of 10 I.E. all readings should be $\div$ by 10 Digital instruments can be calibrated to suit the cell k factor

The IN5 series of cells maybe fitted with Automatic Temperature Compensation if required to suit the instrument in use.

Applications include the measurement and control of de-min water from exchange plants, potable waters and T.D.S. of control of recirculating cooling systems.



IN5 10

IN5 01

Specifications

FL3 & IN5 Cells.

FL3

Materials of construction.

Cell constant.

Max temp & max pressure

Auto temp comp.

Connections.

Mounting

Measuring range

uP.V.C. and Carbon.

Manufactured with K= 1.0 and 0.1.

50⁰ C, 3 Bar at 20⁰ C.

Maybe mounted into the cell to suit the instrument in use.

2m cable.

3/4" Plain Tee maybe fitted with 1/2 BSP Bushes

Depends upon the instrument 20,000 μ S k = 1.0

or 2,000 μ S k = 0.1

IN5

Materials of construction.

Cell constant.

Max temp & max pressure

Auto temp comp.

Connections.

Mounting IN3.

Measuring range

cP.V.C. and Stainless steel

Manufactured with K= 1.0 and 0.1

60⁰ C, 7 Bar at 20⁰ C.

Maybe mounted into the cell to suit the instrument in use.

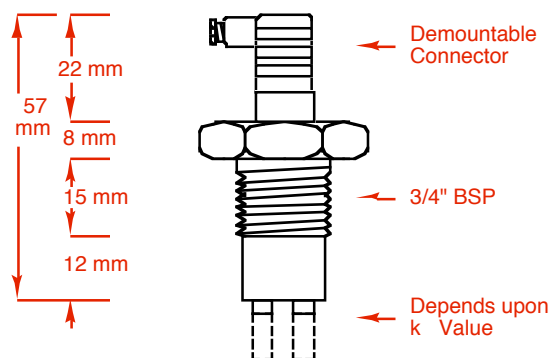
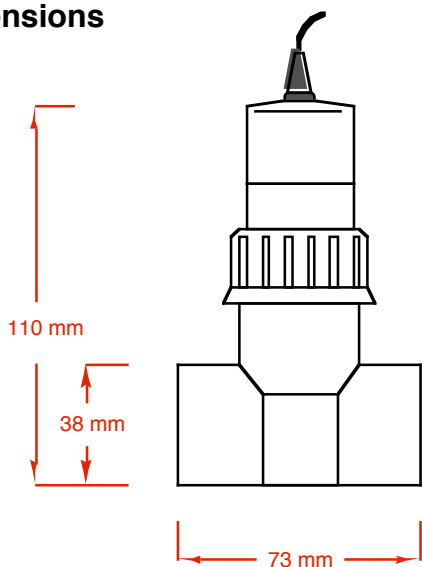
2m cable.

3/4" B.S.P. male threads.

Depends upon the instrument 5,000 μ S k = 1.0

or 200 μ S k = 0.1

Dimensions



AWE

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