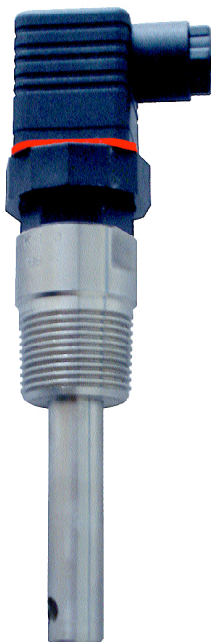




## Model PSE & IN4 HT Stainless Steel Conductivity Cells



The Model PSE series of Conductivity cells are specially designed for monitoring solutions with very low conductivity's directly in tanks, vessel and large bore pipe work.

Manufactured from stainless steel with P.T.F.E. insulators and viton "O" ring seals, mounting is by 3/4" BSP. male threaded boss. The cells are fitted with a weatherproof detachable plug and socket to allow for easy maintenance without having to disconnect the sensor cable.

The Model PSE series of Conductivity measuring cells have cell constant of  $K=0.01$  PSE 001 and  $K=0.1$  PSE 01 allowing measuring ranges with AWE instruments of  $0 - 2.0 \mu S$  and  $0 - 20.0 \mu S$  to be achieved. The cells can be fitted with optional automatic temperature compensation.

Typical applications include anion cation and mixed bed monitoring, semi conductor washing and distillation monitoring and control.

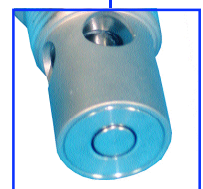
The Model PSE4-10-HT is a special cell designed for the measurement of high temperature and pressure solutions.

Manufactured from 316 stainless steel, teflon and peek with viton "O" ring seals mounting is by a 3/4" BSP male threaded boss.

The Model IN4-10-HT has a cell constant of  $K=1.0$ , as the electrodes are in stainless steel the measuring range is limited in comparison to our carbon cells. Automatic temperature compensation is not available on this cell.

Typical applications include controlling boiler blow down and steam condensate return protection systems.

- \* Simple To Install.
- \* Detachable Connector
- \* Stainless Steel Construction
- \* Cell Constant Vailidated at the Factory



## Specifications

### PSE 01& PSE 001

Materials of construction.

Cell constant.

Max temp & max pressure.

Auto temp comp.

Connections.

### IN410 HT & PSE- 01

Stainless steel, P.T.F.E. & Viton

Manufactured with K= 0.1 and 0.01

100° C & 150 P.S.I.

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

Weatherproof plug.

### PSE4-10-HT

Materials of construction.

Cell constant.

Max temp & max pressure.

Auto temp comp.

Mounting.

Stainless steel, Peek PTFE and Viton

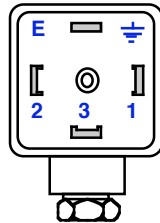
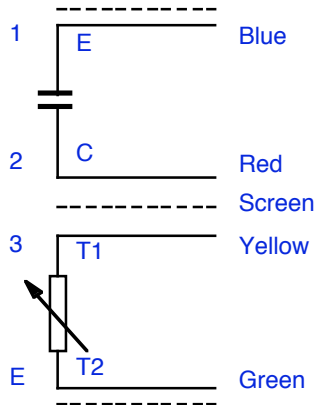
K= 1.0.

205° C & 250 P.S.I.

N/A.

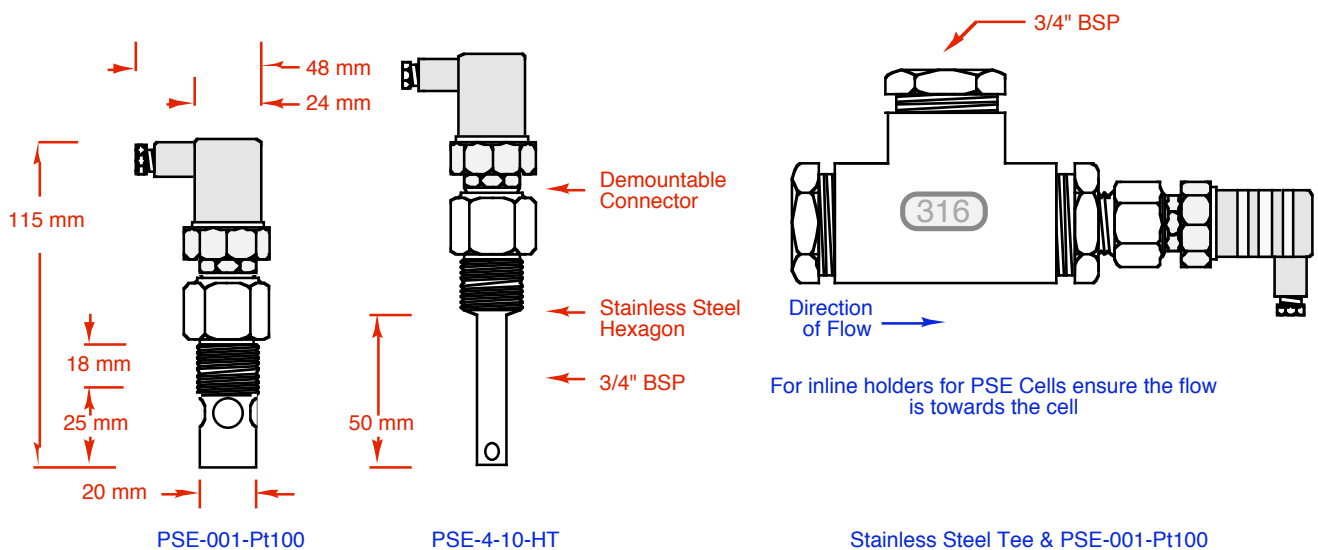
3/4" BS.P. male thread.

## 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



## Automated Water & Effluent Ltd

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# AWE