

AIC Conductivity Cells

TBPS Series

Low Cost Cells

Manufactured by a
Quality Endorsed Company
AS/NZS ISO 9001:2000
 Standards Australia
 Lic. No. QEC6187



K=1
Model P-K=1.0TBPSRT5M



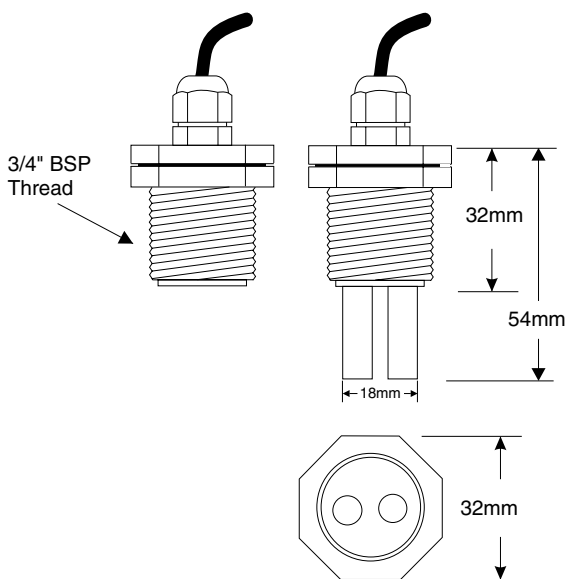
K=0.1
Model P-K=0.1TBPSRT5M

The TPBS cells are available in probe constants of 0.1 and 1.0. The 5m cable is integrated into the encapsulated cell. This low cost cell is ideal for installation into plastic flow lines and is commonly used in water purification systems.

The electrodes are made from high density carbon. Stainless steel electrodes are optionally available. When used with AIC conductivity meters the K=0.1 cell is suitable for ranges up to 1,250uS/cm and the K=1 is suitable for ranges up to 12,500uS/cm.

The standard inbuilt temperature sensor is an Pt100 RTD which is compatible with AIC conductivity monitors. Other sensor types may be available. The maximum operational temperature of these cells is 50°C and the maximum operating pressure is 7 bar.

The cell body is moulded from polypropylene to ensure high strength and excellent electrical resistant properties. The sensor is epoxy filled to prevent leakage of the measured sample into the cell body.



Cell wiring Colour Code:	
Cell In:	Blue
Cell out:	Yellow (or White)
Temperature +:	Red
Temperature -:	Black

Order codes:

P-K=1.0TBPSRT5M Conductivity cell K=1.0
 3/4" BSP thread
 Pt100 RTD temperature sensor
 5 metre cable

P-K=0.1TBPSRT5M Conductivity cell K=0.1
 3/4" BSP thread
 Pt100 RTD temperature sensor
 5 metre cable