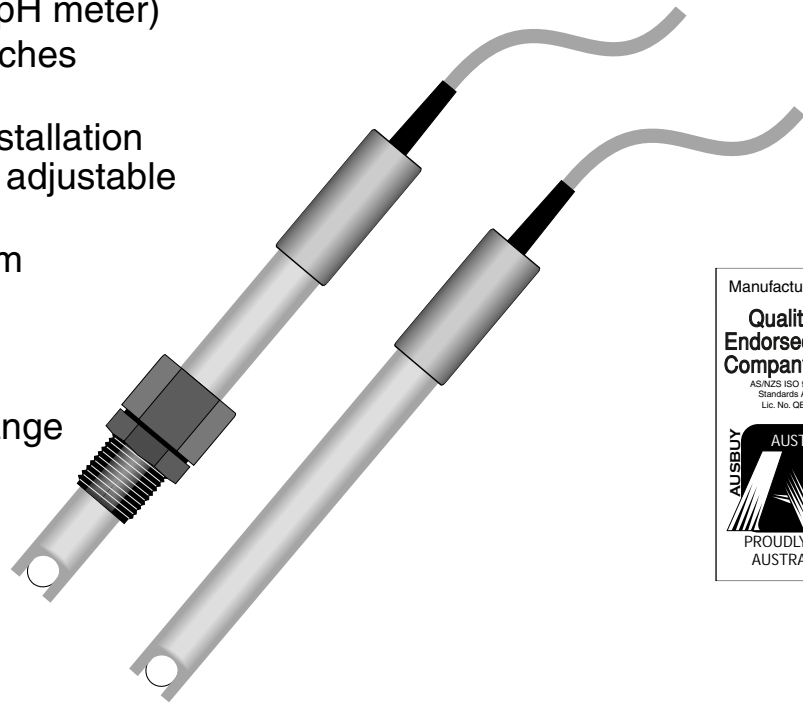


# Temperature Probes for pH Meters

- Australian made
- Pt100 (RTD) sensor or LM335 sensor (to suit AIC's HH4 pH meter)
- 12mm electrode body matches standard pH probes
- Optional adapter allows installation into flow line and provides adjustable insertion depth
- Standard models or custom to suit your requirements
- Ideal for in-line and flow through sample lines
- 0 to 100°C temperature range

Example:  
PHPG temperature probe with in-line adapter fitted



The PHPG series temperature probes are constructed using pH electrode components. The probes exhibit a similar temperature response to pH electrodes, thus making them ideal for electrode compensation. The plastic and glass body materials are excellent electrical insulators which reduces the risk of pH measurement errors caused by electrical leakage from the temperature sensor.

The 12mm diameter body is compatible with standard laboratory electrodes, making the probe suitable for use with standard laboratory electrode holders. To simplify ordering and stock control a standard range of popular cable lengths is offered. Customised models are available to order.

For in-line/flow applications the pH electrode and temperature probe may be independently installed using the optional threaded adapters. By utilizing a separate temperature sensor, costs may be greatly reduced, because only the pH electrode need be replaced periodically.

The standard probes are available with a choice of sensor types. For general use with AIC pH monitors, controllers and transmitters the Pt100 (100Ω RTD) sensor is ideal. The LM335 sensor is suitable for use with AIC's HH4-PH hand held pH meters.

## Ordering information Pt100 RTD sensor (100Ω RTD to DIN 43760)

P-RT/PHPG3S0BA	12mm diameter x 90mm + cap 3m cable length, bare termination
P-RT/PHPG5S0BA	12mm diameter x 90mm + cap 5m cable length, bare termination
Optional in-line adapter	
HB-G-A03551126	12mm diameter probe to ½" BSP (male) threaded compression fitting

## Ordering information LM335 sensors (semiconductor)

P-LM/PHPG01S0JP	12mm diameter x 90mm + cap 1m cable length, 3.5mm jack plug
P-LM/PHPG5S0BA	12mm diameter x 90mm + cap 5m cable length, bare termination
Optional in-line adapter	
HB-G-A03551126	12mm diameter probe to ½" BSP (male) threaded compression fitting