HI7635

In-line Conductivity Probes

These conductivity probes combine the proven four-ring potentiometric method of measuring conductivity with platinum sensors. The universally acclaimed four-ring method provides an exceptionally stable measurement over a wider range. These probes do not suffer polarization, nor do they need frequent calibration or cell changes.

The built-in temperature sensor (select models) allows automatically temperature compensated measurements and features easy operation and maintenance.

The majority of probes are provided with a 4 m cable incorporating color coded wires for easy connection to HI8936 transmitters while others provide a DIN connection.



| Code | Temperature Compensation | Body | Operating Temperature | Max Pressure (@25°C/77°F) | Cable/ Connection |
|--------|--------------------------------------|---------------|--------------------------|------------------------------|-------------------------------|
| HI7635 | automatic, 0 to 50°C with NTC sensor | polypropylene | 0 to 80°C (32 to 176°F) | 5 bar | 4 m (13.1')/Color coded wires |

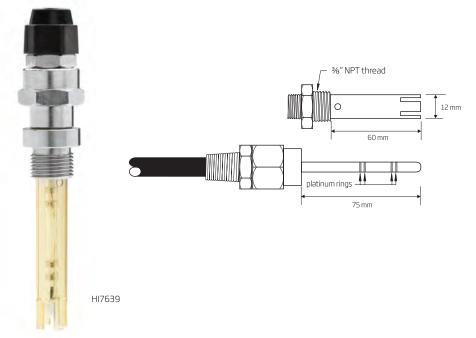
HI7638 · HI7639

In-line Conductivity Probes

with Platinum Ring

These conductivity probes combine the proven four-ring potentiometric method of measuring conductivity with platinum sensors. The universally acclaimed four-ring method provides an exceptionally stable measurement over a wider range. These probes do not suffer polarization, nor do they need frequent calibration or cell changes.

HI7638 and HI7639's built-in temperature sensor allows automatically temperature compensated measurements and features easy operation and maintenance.



| Code | Temperature Compensation | Body | Operating Temperature | Max Pressure (@25°C/77°F) | Cable/Connection |
|-----------|--|-------------------------|--------------------------|------------------------------|--------------------------------|
| HI7638 | automatic, 0 to 50°C with NTC sensor | PEI and Stainless Steel | 0 to 120°C (32 to 248°F) | 5 bar (72.5 psi) | 3 m (9.9')/Color coded wires |
| HI7638/10 | automatic, 0 to 50°C with NTC sensor | PEI and Stainless Steel | 0 to 120°C (32 to 248°F) | 5 bar (72.5 psi) | 10 m (32.8′)/Color coded wires |
| HI7638/20 | automatic, 0 to 50°C with NTC sensor | PEI and Stainless Steel | 0 to 120°C (32 to 248°F) | 5 bar (72.5 psi) | 20 m (65.6′)/Color coded wires |
| HI7639 | automatic, 0 to 50°C with Pt100 sensor | PEI and Stainless Steel | 0 to 120°C (32 to 248°F) | 5 bar (72.5 psi) | 3 m (9.9')/Color coded wires |