SPECIFICATION SHEET  
Date: 10/10/2011 REV. A

SS Body Condensate pH Sensor  
7760465 High Temperature

Body Style: 1/2” NPT industrial housing  
Insertion Length: 1” / 25.4mm  
Cable: 20’ / 7 meter RG174 Low Noise 22 AWG Coax Cable, No Connector, 25’ / 8 meter Maximum unamplified.

Type: Potentiometric  
pH Range: 0 – 13 pH  
Temperature Range: -5 to +110°C (23 to 230°F)  
Zero Point: pH 7  
Maximum Pressure: 150 psig  
Storage Solution: 50/50 1MKCl / pH4 buffer  
Controller Compatibility: Smart AS/Flex, SlimFlex, ProMtrac, MultiFLEX, Aegis

To Order sensor: 7760465

CAUTION: Condensate pH Sensor Installation  
pH sensors should be installed vertically, with the measuring tip pointed down. Horizontal sensors are more likely to fail due to air bubbles in the sensor tip.

pH sensors at condensate temperature last a maximum of 6-9 months. Use of sample coolers for condensate pH measurement is strongly recommended.

Extending pH Electrode Cables  
pH electrode cables over 25ft/10m long are susceptible to noise pickup from lights and motors which appears as an unstable pH reading.
7760465

- Com
  - Signal (+)

127mm

- 25.4mm

Diagram of a component with dimensions and connections:

- Black - Signal (+)
- Common - (-)

Dimensions:
- 1/2" NPT SS Housing
- 17mm Chrome Body
- 25.8mm
- 19.0mm
- 1.000" (25.4mm)
- 3.000" (76.2mm)

Connection points:
- Blue Screw Holes
- Female Threaded 20\″