The ALS-PHTA1 is an extremely durable, accurate, and reliable sensor for demanding applications. The electrolyte is pre-pressurized, decreasing the adherence of particles to the sensing tip and preventing diffusion of the sample into the sensor. It withstands steam sterilization, autoclaving and CIP cleanings at pressures up to 6 bar and temperatures up to 140 deg C. Available in 120 mm, 225 mm, 325 mm, and 425 mm lengths. Can be mounted to ALS-HT1 Hot Tap mounting assembly, allowing it to be inserted/extracted while submerged in the process.

**Features**
- Pre-pressurized electrolyte makes sensor tip less prone to biofouling.
- Withstands 50 cycles of autoclaving or steam sterilization.
- Equipped with temperature sensor.
- PG13.15 threads allow mounting to ALS-HT1 Hot Tap for live insertion/extraction while submerged in process.
- Standard ALS 4 pin connector connects to ALS-ACM and ALS-ACX Boxes.

**Wetted Materials**
- **Body**: Glass
- **O-ring**: EPDM
- **Maximum Pressure**: 6 bar (87 PSI)
- **Temperature Range**: 0-140ºC (32-284 ºF)
- **Signal Conditioning Cable**: ALS-BPHA1
- **Dimensions**: 12 mm OD, Lengths 120, 225, 325, 425 mm

**Measurement**
- **Temperature Range**: 0-50ºC
- **Temperature Resolution**: 0.1 deg C
- **pH range**: 0-14
- **pH Resolution**: 0.01 pH

**Mechanical**
- **Electrical Connection**: Connects to ACM/ACX via signal conditioning cable ALS-BPHA1
- **Process Connection**: PG13.5, Hot Tap Compatible with ALS-HT1
- **Mounting considerations**: Compatible with ALS-HT1 Hot Tap mounting assembly

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