

## Specialty Sensors with 4-20 mA Output

### Toroidal Conductivity

Max. Temp ..... 140°F (60°C)  
 Max. Pressure ..... 50 PSI  
 Body ..... CPVC  
 Power Supply ..... 24 VDC  
 Wiring ..... 2-wire loop  
 Process Connection.. 1.5" MNPT (dual)  
 Cable Length ..... 20 ft.

TCA-C3254A ..... 0-10 mS  
 TCA-C3254B ..... 0-100 mS



### Conductivity & Temperature

Operational Temp ..... 32°-122°F (0°-50°C)  
 Max. Pressure ..... 100 PSI  
 Body ..... CPVC  
 Sensor ..... 4-pin (carbon)  
 Power Supply ..... 22-26 VDC  
 Wiring ..... 5-wire  
 Process Connection.. 3/4" CPVC tee  
 Cable Length ..... 5 ft.

STA-720 ..... 10-100,000 uS/cm  
 32-122°F (0°-50°C)



### Differential pH

Max. Temp ..... 185°F (85°C)  
 Max. Pressure ..... 100 PSI  
 Body / Salt Bridge..... PPS  
 Wet End ..... PVDF/Ceramic/Viton  
 Power Supply ..... 24 VDC  
 Wiring ..... 2-wire loop  
 Process Connection.. 1.5" MNPT (dual)  
 with 1.5" FNPT tee  
 Cable Length ..... 20 ft.

SDA-7420PH ..... 0-14 pH



### pH & ORP

Operational Temp ..... 40°-104°F (4°-45°C)  
 Max. Pressure ..... 100 PSI  
 Outer Body ..... 304 SS  
 Replaceable Sensor .. UPVC  
 Power Supply ..... 22-26 VDC  
 Wiring ..... 4-wire  
 Process Connection.. 3/4" CPVC tee  
 submersible  
 Cable Length ..... 8 ft.

STA-710SS ..... 0-14 pH  
 STA-711SS ..... ±1,500 mV  
 STA-712SS ..... 0-14 pH & ±1,500 mV



### Dissolved Oxygen

Operational Temp ..... 32°-113°F (0°-45°C)  
 Max. Pressure ..... 75 PSI  
 Body ..... CPVC  
 Power Supply ..... 22-26 VDC  
 Wiring ..... 4-wire  
 Process Connection.. Submersible, 3/4"  
 MNPT back, CPVC  
 tee optional  
 Cable Length ..... 30 ft.

STA-773 ..... 0-20 mg/L or 0-200%



### Dissolved Oxygen & Temperature

Temp Range ..... 32°-113°F (0°-40°C)  
 Max Pressure ..... 75 PSI  
 Body ..... 304 SS  
 Power Supply ..... 22-26 VDC  
 Wiring ..... 5-wire  
 Process Connection.. Submersible, 3/4" MNPT  
 back, 3/4" CPVC tee  
 also included  
 Cable Length ..... 30 ft.

STA-772T ..... 0-20 mg/L, 0-200%  
 or 0-500 mbarP02  
 Temperature output  
 is 32°-122°F (0°-50°C)



## Pressure

Max. Fluid Temp ..... 175°F (79°C)  
Body ..... 316 SS  
Diaphragm ..... Ceramic  
O-Ring ..... Neoprene  
Power Supply ..... 8-28 VDC  
Wiring ..... 2-wire loop  
Process Connection.. 1/4" MNPT  
Cable Length ..... 8 ft.



PTD-100 ..... 0-100 PSI  
PTD-200 ..... 0-200 PSI

## Temperature

Max. Pressure ..... 1,000 PSI  
Outer Body ..... 304 SS  
Thermowell ..... 316 SS  
Power Supply ..... 9-28 VDC  
Wiring ..... 2-wire loop  
Process Connection.. 1/4" MNPT  
Cable Length ..... 10 ft.



TTD-200-10 ..... 0°-200°F (-17.78°-93.33°C)

## Turbidity with Wiper

Max. Temp ..... 122°F (50°C)  
Max. Pressure ..... 45 PSI  
Body ..... 316 SS  
Power Supply ..... 24 VDC  
Light ..... LED:  
<100 NTU warm white  
>100 NTU IR  
Wiring ..... 4-wire  
Process Connection.. Submersible,  
3/4" (back)  
Cable Length ..... 33 ft.



LTA-632 ..... 0-1,000 NTU

## Turbidity Ultra-Low Inline

Max. Temp ..... 131°F (55°C)  
Max. Pressure ..... 100 PSI  
Body ..... 304 SS  
Light ..... Warm white LED  
EPA-180.1 Compliant  
Power Supply ..... 24 VDC  
Wiring ..... 4-wire  
Process Connection.. 3/4" tee, CPVC tee  
Cable Length ..... 8 ft.



LTA-739 ..... 0.00-40.00 NTU

## Advantage Controls offers additional sensors:

- Corrosion
- Fluorometer
- Level
- Oxidizer (Cl<sub>2</sub>, ClO<sub>2</sub>, Br<sub>2</sub>, O<sub>3</sub>, SO<sub>3</sub>)



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