

pH ● Ref ● °C ● Digital ●

## CS1753D Digital pH sensor

### For Chemical Process

Model: CS1753D5T

#### Specifications

PH value range: 0 – 14

Zero point:  $7.00 \pm 0.25$

Resolution ratio: 0.01pH

Temperature range: 0 - 90 °C

Pressure: 0 -6 bar

Shell material: PPS / PP

Sensitive membrane number: B11

Membrane resistance: < 600 MΩ

Reference system: SNEX Ag / AgCl / KCl

Liquid junction: Porous ceramics

Electrolyte solution: 3.3M KCl gel

Double salt bridge system: Yes

Electrode cap: NPT 3/4"

Cable length: 5m

Joint: terminal

CI / protocol: RS-485 Modbus RTU

Power: DC-12V

Output: pH, mV, temperature

Protection grade: IP68



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## CS1768D Digital pH sensor

For high pressure pipeline

Positive pressure < +20 bar

Negative pressure > -10 bar

Model: CS1768D5T

### Specifications

PH value range: 0 – 14

Zero point:  $7.00 \pm 0.25$

Resolution ratio: 0.01pH

Temperature range: 0 - 90 °C

Pressure: +20 ~ -10 bar

Shell material: PPS / PP

Sensitive membrane number: B11

Membrane resistance: < 500 MΩ

Reference system: SNEX Ag / AgCl / KCl

Liquid junction: SNEX

Electrolyte solution:

Double salt bridge system:

Electrode cap: NPT 3/4"

Cable length: 5m

Joint: terminal

CI / protocol: RS-485 Modbus RTU

Power: DC-12V

Output: pH, mV, temperature

Protection grade: IP68



pH ●

Ref ●

°C ●

Digital ●

## CS1778D Digital pH sensor

### For flue gas desulfurization process

Model: CS1778D5T

#### Specifications

PH value range: 0 – 12

Zero point:  $7.00 \pm 0.25$

Resolution ratio: 0.01pH

Temperature range: 0 - 90 °C

Pressure: 0 -20 bar

Shell material: PPS / PP

Sensitive membrane number: W28

Membrane resistance: < 800 MΩ

Reference system: SNEX Ag / AgCl / KCl

Liquid junction: SNEX

Electrolyte solution:

Double salt bridge system: Yes

Electrode cap: NPT 3/4"

Cable length: 5m

Joint: BNC

CI / protocol: RS-485 Modbus RTU

Power: DC-12V

Output: pH, mV, temperature

Protection grade: IP68



pH ● Ref ● °C ● Digital ●

## CS1788D Digital pH sensor

For pure water, low ion concentration  
water

Model: CS1788D5T

### Specifications

PH value range: 0 – 12

Zero point:  $7.00 \pm 0.25$

Resolution ratio: 0.01pH

Temperature range: 0 - 90 °C

Pressure: 0 -20 bar

Shell material: PPS / PP

Sensitive membrane number: W28

Membrane resistance: < 500 MΩ

Reference system: SNEX Ag / AgCl / KCl

Liquid junction: Porous ceramics

Electrolyte solution: 3.3M KCl gel

Double salt bridge system: Yes

Electrode cap: NPT 3/4"

Cable length: 5m

Joint: terminal

CI / protocol: RS-485 Modbus RTU

Power: DC-12V

Output: pH, mV, temperature

Protection grade: IP68



pH ● Ref ● °C ● Digital ●

## CS1728D Digital pH sensor

For HF

HF concentration < 1000 ppm

Model: CS1728D5T

### Specifications

PH value range: 0 – 12

Zero point:  $7.00 \pm 0.25$

Resolution ratio: 0.01pH

Temperature range: 0 - 80 °C

Pressure: 0 -10 bar

Shell material: PPS / PP

Sensitive membrane number: W28

Membrane resistance: < 500 MΩ

Reference system: SNEX Ag / AgCl / KCl

Liquid junction: SNEX

Electrolyte solution:

Double salt bridge system: Yes

Electrode cap: NPT 3/4"

Cable length: 5m

Joint: terminal

CI / protocol: RS-485 Modbus RTU

Power: DC-12V

Output: pH, mV, temperature

Protection grade: IP68

