

Conductivity Probes

PVDF & Graphite



Conductivity Probe Model — ECDC

Conductivity probe with Graphite electrodes, PVDF body, 3/4 inch BSP thread, 4m cable, BNC plug, maximum pressure 7 bar at 60°C.

ECDC/1	K=1, maximum 20mS
ECDC/10	K=10, maximum 200mS
Options	Longer lead on request. 1/2" on request.



Conductivity Probe Model — ECDCC

Conductivity probe with Graphite electrodes, PVDF body, 3/4 inch BSP thread, 4m cable, BNC plug, maximum pressure 7 bar at 60°C, temperature compensation.

ECDCC/1	K=1, maximum 20mS, NTC10k temp sensor
ECDCCPT/1	K=1, maximum 20mS, PT100 temp sensor
ECDCC/10	K=10, maximum 200mS, NTC10k temp sensor
ECDCCPT/10	K=10, maximum 200mS, PT100 temp sensor
Options	Longer lead on request. 1/2" on request.



Conductivity Probe Model — ECDC IM

Conductivity probe, immersion style with Graphite electrodes, PVDF body, 1/2 inch BSP thread, 4m cable, BNC plug, maximum pressure 7 bar at 60°C.

ECDCIM/1	K=1, maximum 20mS
ECDCCIM/1	K=1, 0-20mS, NTC10k
ECDCCIMPT/1	K=1, 0-20mS, PT100
ECDCIM/10	K=10, 0-200mS
ECDCCIM/10	K=10, 0-200mS, NTC10
ECDCCIMPT/10	K=10, 0-200mS, PT100
Options	Temperature compensation. Longer lead on request. 1/2 inch on request.



Conductivity Probe Model — ECDC20

Conductivity probe, old type, for through wall installation, PVDF body, Graphite electrodes, 4m cable, BNC plug.

ECDC20	K=1, maximum 20mS, threaded with lock nut for through tank mounting
Options	Longer lead on request.

* Please refer to 'Aqua Products Limited' terms and conditions of sale for complete warranty conditions.

Section 10

Measurement & Control

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Conductivity Probes

PVDF & Stainless Steel



Conductivity Probe Model — ECDI

Conductivity probe with Stainless Steel electrodes, PVDF body, 3/4 inch BSP thread, 4m cable, BNC plug, maximum pressure 7 bar at 60°C. 100°C at 2 Bar.

ECDI/1	Range: 0-5mS
ECDI/01	Range: 0- 200μS
Options	Longer cable on request.



Conductivity Probe Model — ECDIC

Conductivity probe with Stainless Steel electrodes, PVDF body, 3/4 inch BSP thread, 4m cable, maximum pressure 7 bar at 60°C. 100°C at 2 Bar, temperature compensation.

ECDIC/1	Range: 0-5mS, NTC 10k temp sensor
ECDICPT/1	Range: 0-5mS, PT100 temp sensor
ECDIC/01	Range: 0- 200μS NTC 10k sensor
ECDICPT/01	Range: 0- 200μS PT 100 temp sensor
Options	Longer cable on request.



Conductivity Probe Model — ECDIIM

Conductivity probe immersion style with Stainless Steel electrodes, PVDF body, 3/4 inch or 1/2 inch BSP thread, 4m cable, maximum pressure 7bar at 60°C. 100°C at 2Bar.

ECDIIM/1	Range: 0-5mS
ECDIIM/01	Range: 0- 200μS
ECDICIM/1	Range: 0- 5mS, temperature compensation (NTC 10k)
ECDICIM/01	Range: 0- 200μS, temperature compensation (NTC 10k)
ECDICPTIM/1	Range: 0- 5mS, temperature compensation (PT100)
ECDICPTIM/01	Range: 0- 200μS, temperature compensation (PT100)
Options	High temperature version, longer cable on request.

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Conductivity Probes

Stainless Steel



Conductivity Probe Model — EICDC : Stainless Body

Conductivity probe with Stainless Steel electrodes, 3/4 inch BSP thread, 4m cable, maximum pressure 15 bar at 130°C, NTC 10k temperature compensation.

EICDC/1	Maximum 20mS
EICDC/01	Maximum 200μS
EICDC/001	Maximum 20μS
Options	Longer cable on request.



Conductivity Probe Model — EICDCPT : Stainless Body

Conductivity probe with Stainless Steel electrodes, 3/4 inch BSP thread, 4m cable, maximum pressure 15 bar at 130°C, PT100 temperature compensation.

EICDCPT/1	Maximum 20mS
EICDCPT/01	Maximum 200μS
EICDCPT/001	Maximum 20μS
Options	Longer cable on request.



Conductivity Probe Model — EICDHPT : Stainless Body

High temperature range conductivity probe with Stainless Steel electrodes, SS body, 3/4 inch BSP thread, 4m cable, BNC plug, maximum pressure 15 bar at 200°C, PT100 temperature compensation.

EICDHPT/1	Maximum 20mS
EICDHPT/01	Maximum 200μS
EICDHPT/001	Maximum 20μS
Options	Longer cable on request.

High Linearity Conductivity Probes



Conductivity Probe Model — ECDHL

Conductivity probe with platinum electrode, 12mm dia, 4.5m cable, maximum pressure 7 bar at 70°C.

ECDHL/01	K=0.1, maximum conductivity 200µS
ECDHL/1	K=1, maximum conductivity 20mS
ECDHL/10	K=10, maximum conductivity 200mS

Conductivity Probe Model — ECDHLC

High linearity conductivity probe with platinum electrode, 4.5m cable, maximum pressure 7 bar at 70°C, NTC10k temperature compensation.

ECDHLC/01	K=0.1, maximum conductivity 200µS
ECDHLC/1	K=1, maximum conductivity 20mS
ECDHLC/10	K=10, maximum conductivity 200mS

Conductivity Probe Model — ECDHLCPT

High linearity conductivity probe with platinum electrode, 4.5m cable, maximum pressure 7 bar at 70°C, PT100 temperature compensation.

ECDHLCPT/01	K=0.1, maximum conductivity 200µS
ECDHLCPT/1	K=1, maximum conductivity 20mS
ECDHLCPT/10	K=10, maximum conductivity 200mS



Inductive Conductivity Probe Model — ECD INDPT

All plastic construction, no metallic or conductive materials in contact with fluid, with PT100 temperature compensation, max pressure 8 bar, maximum temperature 85°C.

ECDINDPT	Range 0-3mS, 0-30mS, 0-300mS
ECDSINDPT	0-30mS (compact probe)

An enormous range of conductivity probes are available. There are too many to list.
Please enquire for assistance to choose a probe to suit your process.

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