



ONLINE CONDUCTIVITY PROBE MODEL TC 01 / TC 1 / TC 10

FOR
SWIMMING POOLS / AQUARIUM / RO / DRINKING WATER APPLICATIONS



SPECIFICATIONS FOR CONDUCTIVITY PROBES

	0.1 K	1 K	10 K
Measurement Principal	2 electrode probe	2 electrode probe	2 electrode probe
Electrode material	SS316L	SS316L	SS316L
Body material	Teflon	Teflon	Teflon
Cell Constant	0.1cm ⁻¹	1.0cm ⁻¹	10.0cm ⁻¹
Measuring Range	0 - 2 mS	0 - 20 mS	0 - 200 mS
Temperature Compensation (Optional)	Pt-100/Pt-1000	Pt-100/Pt-1000	Pt-100/Pt-1000
Sensor Diameter	19mm	19mm	19mm
Insertion Length	35mm	15mm	15mm
Cell constant accuracy	±10%	±10%	±10%
Process connection	½" BSP / ¾" NPT	½" BSP / ¾" NPT	½" BSP / ¾" NPT
Wire connection Details	Red/ Black: E.C. Blue/ White: Temp. (Optional)	E.C. Temp. (Optional)	E.C. Temp. (Optional)
Wire leads type	2 Core PVC cable/ 4 Core PVC cable (in case of Temp. Compensation)		
Wetted material	Metal: SS316L Body: Teflon	SS316L Teflon	SS316L Teflon
Measuring Temperature Range	0 to 80°C	0 to 80°C	0 to 80°C
Temperature Accuracy	±0.5°C	±0.5°C	±0.5°C

ORDERING CODE

TC 01 / TC 1 / TC 10 - X - X - X - X

Body Material: Teflon - P PP - P	Process Connection: ½" BSP - A ¾" NPT - A	Temp. Compensator: Without - - Pt100 - T Pt1000 - 1T 10K NTC - 10T 30K NTC - 30T	Cable Length: 1 Mtr. - 1 3 Mtrs. - 3 5 Mtrs. - 5 9 Mtrs. - 9 13 Mtrs. - 13
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TOSHCON Online Conductivity Probe Model TC-01 / TC-1 / TC-10 are available in Teflon body with SS Electrode & Teflon Insulator for in line or submersible application.

In built automatic temperature compensation makes it possible to use with wide variety of conductivity measuring instruments available in market.

Presently available with cell constant of 0.1, 1.0 & 10 K makes are suitable for wide range of applications.

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