

Basic Quick Selection Guide - pH Probes v1.0



* Represents Probes requiring TOP68/NEMA6 Waterproof Cables - Cable Selection at End of Table

Temp (°C):	Pressure (Bar):	Thread:	Cable Length:	pH Range:	PH Probe Part Number:	Description:
-5 - 80	0 - 0.34	12mm Diameter-Smooth	3 ft / 0.9m BNC	0 - 12	WA SOTA-PH	Laboratory purpose Single Junction pH Probe, (L1000)
-5 - 80	0 - 0.34	12mm Diameter-Smooth	3 ft / 0.9m BNC	0 - 12	WA SOTA-PHFLAT-DJ-N3	SOTA FLAT -DJ-Sealed Polymer Single Junction pH Probe (L 2002)
0 - 60	0 - 5	12mm Diameter-Smooth	1m / 3.2 ft BNC	0 - 12	IONODE IH40-01M	General purpose pH Sensor, Double junction
-5 - 80	0 - 6.9	1/2" MNPT	10 ft / 3m BNC	0 - 12	WA OPF10-NNN10	General purpose pH Sensor, Single junction, extra algicide to keep junction clean , M-10-A (I 1004, M-10-A-PH)
25 - 110	0 - 6.9	1/2" MNPT	10 ft / 3m BNC	0 - 12	WA OPF10-LHN10	General purpose high temp pH Sensor, Single junction (I 1003, M-10-HT-PH)
0 - 80	0 - 6.9	3/4" MNPT	15 ft / 4.5m BNC	0 - 14	WA M-11-HpH	Industrial Double junction pH probe HipH, 360 Deg mounting with Internal Plunger (I 1100, M-11-HpH)
0 - 80	0 - 6.9	3/4" MNPT	10m / 32.8 ft BNC	0 - 14	WA M-11-HpH-10m	Industrial Double junction pH probe HipH, 360 Deg mounting with Internal Plunger (M-11-HpH-10M)
0 - 80	0 - 6.9	3/4" MNPT	15 ft / 4.5m BNC	0 - 14	WA M-11-HpH-HF	Industrial Double junction pH probe HipH, 360 Deg mounting with Internal Plunger, HF Resistant (Hydrogen Flouride) , (I 1100HF)
0 - 80	0 - 6.9	3/4" MNPT	15 ft / 4.5m BNC	0 - 14	WA M-11-HpH-Pt1K-4PY	Industrial Double junction pH probe, Pt1000 Temp Compensation (BNC for pH, 15' Pins for PT1K),(M-11-HpH-Pt1000, I 1150)
0 - 80	0 - 6.9	3/4" MNPT	TOP68 (Nema 6) Connector	0 - 14	* WA M-11-HpH-T68	Industrial Double junction pH probe HiPH, TOP68 (NEMA 6) connector, supplied without cable (M-11-HpH-TOP68, I T1100C)
0 - 110	0 - 10	3/4" MNPT	15 ft / 4.5m BNC	0 - 14	WA OPF11-LH11B2	Industrial Double junction pH probe HT & HipH , (I 1120, M-11-HT-PH)
0 - 110	0 - 10	3/4" MNPT	TOP68 (Nema 6) Connector	0 - 14	* WA OPF11-LH11B8	Industrial Double junction pH probe HT & HipH , TOP68 (NEMA 6) connector, supplied without cable (I T1120C, M-11-HT-T68)

Temp (°C):	Pressure (Bar):	Thread:	Cable Length:	ph Range:	PH Probe Part Number:	Description:
0 - 80	0 - 6.9	3/4" MNPT	15 ft / 4.5m BNC	0 - 14	WA M-12-HPH	Industrial Double junction pH probe, Withdrawn Bulb, concave end for high flow or for easy cleaning (I 1200, M-12-HpH)
0 - 110	0 - 10	3/4" MNPT	15 ft / 4.5m BNC	0 - 14	WA M-12-HT	Industrial Double junction High Temp pH probe, Withdrawn Bulb, concave end for high flow or for easy cleaning (I 1220, M-12-HpH-HT BNC)
-5 - 135	0 - 34	12mm Diameter-Smooth	3 ft / 0.9m BNC	0 - 14	WA GTDJ-1BA	Food Grade Double junction pH probe, Non-fouling porous Teflon junction , Internal pressure compensation, (A47H-K2C2Z-C1HB, L 3014)
-5 - 135	0 - 34	12mm Diameter-Smooth	10m / 32.8 ft BNC	0 - 14	WA GTDJ-1BA-J-10m WA L-3042	Food Grade Double junction pH probe, Non-fouling porous Teflon junction , Internal pressure compensation (A47H-J2J2Z-C1tB, L3010) Optional Bi-Mount holder for WA GT-DJ electrodes. Dual purpose (ie process mount or submersible mount)
-5 - 135	0 - 34	PG13.5 Mounting Thread	TOP68 (Nema 6) Connector	0 - 14	* WA GTDJ-1BA2ESA	Food Grade Double junction pH probe, TOP68 (NEMA 6) Non-fouling porous Teflon junction , Internal pressure compensation, supplied without cable (L 3017)

TOP68/NEMA6 Waterproof Connectors:

WA I TZ7062CB	4.5m / 15 ft BNC	<i>Coax Cable with TOP68 (NEMA 6) connector, 15 ft / 4.5m, 2 core BNC & shield</i>
WA I TZ7063CB	9.1m / 30 ft BNC	<i>Coax Cable with TOP68 (NEMA 6) connector, 30 ft / 9.1m, 2 core BNC & shield</i>
WA I TZ7063CB15m	15 m / 49 ft BNC	<i>Coax Cable with TOP68 (NEMA 6) connector, 49 ft / 15m, 2 core BNC & shield</i>
WA I TZ7063CB20m	20 m / 65 ft BNC	<i>Coax Cable with TOP68 (NEMA 6) connector, 65 ft / 20m, 2 core BNC & shield</i>

Notes:

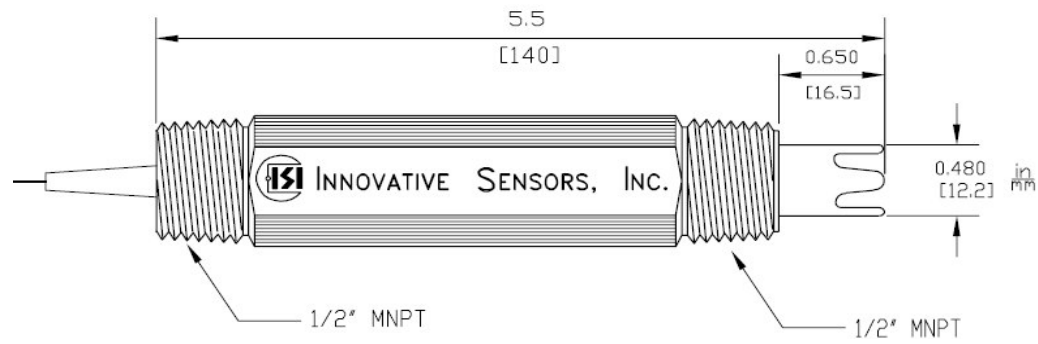
WA Probe models OPF10, M11, OPF11 & M12 cannot be submersed unless a TOP-68 Connector is used

Also, a submersible PVC probe holder can be incorporated for non-submersible probes if required

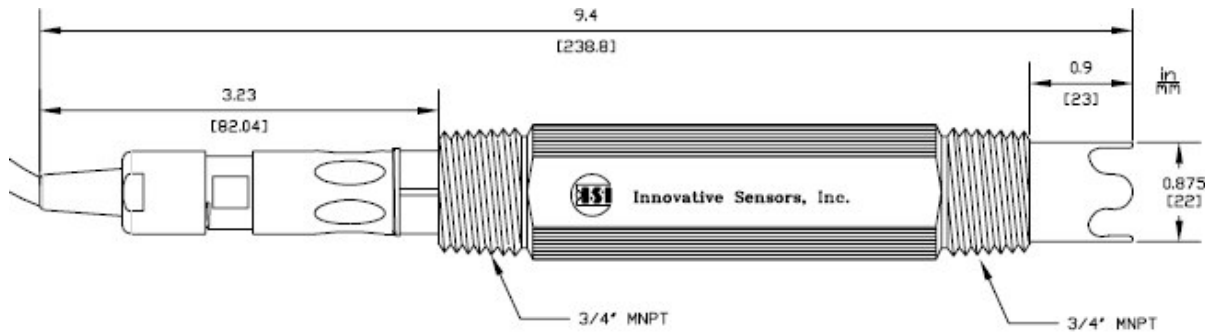
Response Times of the probes are typically 95% of the actual value in 10 seconds at 25°C

Temperature compensated probes for PT100 and PT1000 are available upon request

OPF10 or M10 Probe:



OPF11 or M-11 Probe with TOP-68:



M-12 Probe with TOP-68:

