

Selection Guide

Foxboro Analytical pH and ORP Sensors



Model	PH10 DolpHin, Analog	PH10 DolpHin, Smart	ORP10 DolpHin	PH12	871A	871PH	EP462A
Sensor Type	pH	pH	ORP	pH, ORP	pH, ORP	pH, ORP	pH low conductivity
pH Range	0 - 14	0 - 14	N/A	0 - 14	2 - 12	0 - 14	0 - 14
Max Temperature	121°C	121°C	121°C	140°C	85°C	121°C	100°C
Installation Type	Universal slip fit, Submersion, In-line, Retractable	Universal slip fit, Submersion, In-line, Retractable	Universal slip fiit, Submersion, In-line, Retractable	PG13 connection to accessories, In-line, Retractable	Submersion, In-Line, Retractable	Submersion, In-line, Retractable	Twist-lock, Submersion, In-line
Electrode Type	Domed or flat	Domed or flat	Flat	Domed or flat	Flat	Selectable	Domed
Maintenance Type	Disposable	Disposable	Disposable	Disposable	Disposable	Rebuildable	Disposable
Integral Electronics	Yes, Preamp	Yes, analog to digital circuit	Yes, Preamp	No	Yes, Preamp	Yes, Preamp	No
Features	High performance	High performane, digital output, stores calibration and other data	High performance	12 mm form factor, available lengths 120 mm - 425 mm	Totally flat sensing surface	Small, inexpensive plug-in electrodes	Stable measurements in high purity water
Specifications	PSS 6-1C3 A	PSS 6-1C3 A	PSS 6-1C3 A	PSS 6-1C5 A	PSS 6-1C2 B	PSS 6-1C2 A	PSS 6-1C6 A
Instruction Manual	MI 611-205	MI 611-205	MI 611-205	MI 611-214	MI 611-164	MI 611-148	
Dimensional Print							
Basic Sensor	DP 611-171	DP 611-171	DP 611-171	DP 611-214	DP 611-144	DP 611-113	PSS 6-1C6 A
Insertion Accessories	DP 611-172 & DP 611-182	DP 611-172 & DP 611-182	DP 611-172 & DP 611-182	DP 611-214	DP 611-157	DP 611-122	
Mounting Accessories	DP 611-173	DP 611-173	DP 611-173	DP 611-214	DP 611-145	DP 611-121	PSS 6-1C6 A
Parts List	MI 611-205	MI 611-205	MI 611-205	PL 611-214		PL 611-014	PSS 6-1C6 A
Datasheet	DolpHin Sensor	Foxboro Smart pH Sensor	DolpHin Sensor	PH12		871PH	
Brochure	DolpHin Brochure	Smart Sensor Technology	DolpHin Brochure				