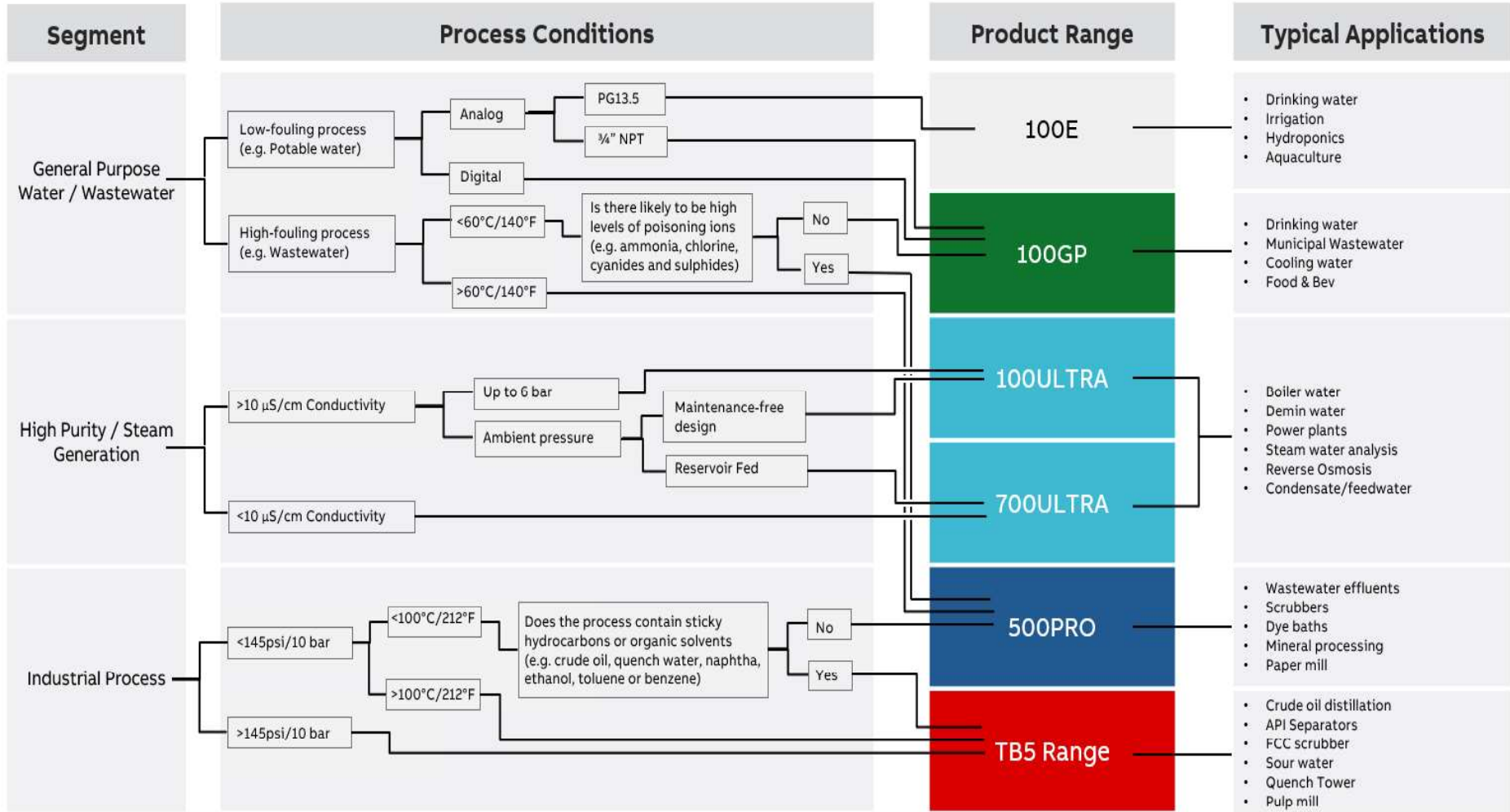


Electrode selection guide



Electrode selection guide

	100 E	100 GP	100 ULTRA	500 PRO	700 ULTRA
Measuring range	0 to 14 pH -2000 to 2000 mV	0 to 14 pH -2000 to 2000 mV	0 to 14 pH -2000 to 2000 mV	0 to 14 pH -2000 to 2000 mV	0 to 14 pH -2000 to 2000 mV
Temperature range	0...60°C / 32 ... 140°F	0...60°C / 32 ... 140°F	-5... 100°C / 32 ... 140°F	-5... 105°C / 23 ... 221°F	-5... 100°C / 32 ... 140°F
Maximum pressure	6 bar	6 bar	6 bar	10 bar	Atmospheric
Min. sample conductivity	50 µS/cm	50 µS/cm	2 µS/cm	50 µS/cm	0.2 µS/cm
Process connection	PG13.5	3/4 in NPT	3/4 in NPT	3/4 in NPT, [Hot-Tap Retractable; pending]	PG13.5
Electrode body material	Ultem	PVDF (Kynar)	PVDF (Kynar)	PVDF (Kynar)	Glass
pH glass options	General purpose (GP) glass bulb	High performance (S) glass Low temperature (LT) glass	High performance (S) glass High temperature (HT) glass Low temperature (LT) glass	High performance (S) glass High temperature (HT) glass Low temperature (LT) glass Hydrofluoric acid-resistant (HF) glass	High performance (S) glass Low temperature (LT) glass
Flat glass	✘	✓	✓	✓	✘
Redox (ORP)	Platinum	Platinum	Platinum	Platinum	Platinum
Reference system	Double junction Ag/AgCl design in KCl in gel matrix	Extended double junction Ag/AgCl design plus ion trap in gel matrix	Extended double junction Ag/AgCl design plus ion trap in saturated KCl matrix	Triple junction Ag/AgCl design with inner tertiary cellular junction plus ion-trap in gel matrix	Flowing KCl electrolyte with Ag/AgCl double junction
Reference wire shielding	✘	✓	✓	✓	✓
Reference junction	Pellon, silicon bushing	Porous PTFE and Viton O-rings	Porous PTFE and Viton O-rings	Porous PTFE and Viton Extreme O-rings	Ceramic
Analog connection	[BNC] [Wire]	[BNC + Molex] [Tagged] [VarioPin]	[BNC + Molex] [Tagged] [VarioPin]	[BNC + Molex] [Tagged] [VarioPin]	[Tagged] [VarioPin]
Digital EZLink	✘	✓	✓	✓	✓
Cable lengths	1, 3, 5 m / 3.3, 9.8, 16.4 ft.	1, 3, 5, 10 m / 3.3, 9.8, 16.4, 33 ft.	1, 3, 5, 10 m / 3.3, 9.8, 16.4, 33 ft.	1, 3, 5, 10 m / 3.3, 9.8, 16.4, 33 ft.	1, 3, 5, 10 m / 3.3, 9.8, 16.4, 33 ft.
Approvals	CE (Complies to DWI Regulation 31(4)(b))	CE, MCERT (Pending) (Complies to DWI Regulation 31(4)(b))	CE (Complies to DWI Regulation 31(4)(b))	CE, MCERTS*, ATEX IECEx, (Complies to DWI Regulation 31(4)(b))	CE (Complies to DWI Regulation 31(4)(b))