

ProMinent® DULCOTEST® Sensors

Experts in Chemical Feed and Water Treatment

Continuous, on-line process variable measurement

ProMinent® offers a wide array of sensors that are tailor-made to accommodate a wide array of process applications.

The **DULCOTEST®** amperometric sensor technology provides for continuous on-line monitoring and controlling of your process system without cumbersome reagents and periodic sampling..

ProMinent **DULCOTEST®** glass sensors for pH, redox and temperature incorporate technology that ensures accuracy and reliability in most municipal and industrial applications.

ProMinent conductivity sensors offer reliable measurement of both inductive and conductive measuring ranges.



ProMinent® DULCOTEST® amperometric sensors

Measured process variables

DULCOTEST® amperometric sensors

- free chlorine
- total chlorine
- chlorine dioxide
- chlorite
- bromine
- peracetic acid
- hydrogen peroxide
- ozone
- dissolved oxygen

DULCOTEST® sensors

- pH
- redox
- fluoride
- temperature

DULCOTEST® conductivity sensors

- inductive
- conductive



DULCOTEST® sensors



ProMinent® DULCOTEST® pH electrode

ProMinent® DULCOTEST® Sensors

Experts in Chemical Feed and Water Treatment

ProMinent® Process, Measurement and Control



D1C and DMT control & monitoring



Complete measurement & control package

Selection aid for ProMinent® sensors

Measured variable	Measured range	Maximum Pressure	Temperature Range
Fluoride	0.05-10.00 ppm	102 psi (7 bar)	34° - 95°F (1° - 35°C)
Free chlorine	1-100 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.5-50 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.2-20 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.1-10.0 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.02-2.00 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.01-0.50 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
Total chlorine	0.01-.050 ppm	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.02-2.00 ppm	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.05-5.00 ppm	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.1-10.0 ppm	44 psi (3 bar)	41° - 113°F (5° - 45°C)
Bromine	0.2-10 ppm	44 psi (3 bar)	41° - 113°F (5° - 45°C)
Chlorine dioxide	0.1-10 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.02-2.00 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.01-0.50 ppm	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
Chlorite	0.020-0.500 ppm	14.5 psi (1 bar)	34° - 104°F (1° - 40°C)
	0.10-2.00 ppm	14.5 psi (1 bar)	34° - 104°F (1° - 40°C)
Ozone	0.02-2.00 ppm	14.5 psi (1 bar)	41° - 104°F (5° - 40°C)
Dissolved oxygen	0-10 ppm	14.5 psi (1 bar)	32° - 122°F (0° - 50°C)
	0-20 ppm	14.5 psi (1 bar)	32° - 122°F (0° - 50°C)
Peracetic acid	1-200 ppm	44 psi (3 bar)	34° - 113°F (1° - 45°C)
	10-2,000 ppm	44 psi (3 bar)	34° - 113°F (1° - 45°C)
Hydrogen peroxide	2.0-200 ppm	14.5 psi (1 bar)	32° - 113°F (0° - 50°C)
	20-2,000 ppm	14.5 psi (1 bar)	32° - 113°F (0° - 50°C)

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