



SENSORS &
CONTROLLERS



ANALYZERS
& SAMPLERS



LEVEL, FLOW
& PRESSURE



WEB APP &
DATALOGGING



ACCESSORIES

S495 DATASHEET

PT-PT OPEN AMPEROMETRIC SENSOR FOR FREE CHLORINE MEASUREMENT



MAIN FEATURES

- Three electrodes for chlorine measurement.
- Immediate installation and easy maintenance
- Absence of moving mechanical parts
- Programmable self-cleaning of the electrodes
- Modbus 485 RTU output
- No spare parts needed

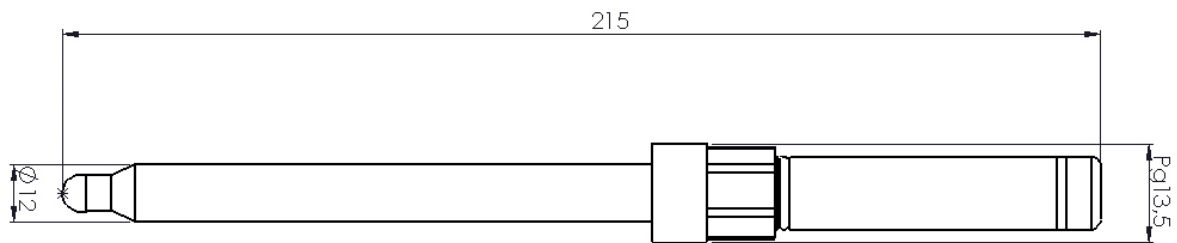
APPLICATIONS

- Swimming pools
- Drinking water
- Service and process waters

TECHNICAL DATA

Materials	Probe body in Ryton®, Measuring stem in glass, Electrodes in platinum, Porous septum in ceramic, Oring in NBR
Measurement system	Three-electrode ammeter
Measurement range	0-10ppm Cl ₂
Measurement error	±10% of reading but not less than ±0.05ppm
Cleaning the sensor	automatic and programmable in-situ cleaning
Process connection	PG13,5
Length	215 mm (glass stem: 123 mm)
Glass stem diameter	12 mm
Interfering	ClO ₂ , O ₃
Operating Flow	30-70 l/h constant
First stabilization time	approx. 30 min
Response time	T ₉₀ approx. 30s
pH Range	pH 6-8
Operating Temperature	5-75°C
Maximum operating Pressure	6 bar
Mechanical protection	IP68
Cable	PUR 10m with M12 4-poles male connector
Power Supply	9-36 Vdc
Maximum absorption	500 mW

DIMENSIONS



ORDER CODES

9701100097	S495 Sensor for Chlorine Amperometric Measure Pt-Pt
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