



VALTER SKUPINA

VCA210



MEASUREMENT 24/7

NO WATER LOSS

**8 TIMES LOWER
MAINTENANCE COST**

20 YEARS LIFETIME

PROPERTIES AND PERFORMANCE

Disinfection is a necessary process in the preparation of drinking water. Disinfection of colored water destroys bacteria and certain viruses, thereby preventing the spread of infectious diseases. Effective disinfection is only possible if a sufficient amount of residual chlorine is measured in water.

Measurement 24/7

No water loss

8 times lower maintenance cost

20 years LIFETIME

Free chlorine analyzer control over disinfection processes in real time

Amperometric measurement method

Integrated controller, display of measured parameters

Data transfer to SCADA

Operation under high pressures (up to 16 barometers)

Operation on solar energy sources (12/24 V)

60% better self-cleaning

Calibration less than 10 s

INSTALLATION AND MAINTENANCE

Easy fixing to the wall with screws. Simple connection with sample water. Work in the most demanding working environments. The cleaning balls and potentiometers provide a quality signal and reduce the need for cleaning and calibration. Estimates and predictions are not enough for reliable supply of properly treated drinking water - the content of the disinfectant must be measured and regulated. A self-cleaning high pressure chlorine probe is a tested device for the continuous measurement of free chlorine in water. The product does not lose sampling water and corresponds to green technology.

WE CARE FOR DRINKING WATER EVEN IF IT LOOKS IMPOSSIBLE.

TECHNICAL INFORMATION

AMPEROMETRIC MEASUREMENT METHOD
gold and copper electrode

MEASURING AREA adjustable (0-1 mg/l, 0,2mg/l, 0,5 mg/l, 1,0 mg/l, 0-10 mg/l)

RESOLUTION MEASUREMENT
step measurement: 0,01 mg/l

SUPPLY VOLTAGE 12/24 VAC/VDC

ENERGY CONSUMPTION < 10 mA

CURRENT OUTPUT 4-20 mA (Modbus)

FLOW minimum of 0,4 l/min

WATER SLIP quick connector Ø 8

SECURITY OF CONTROL UNIT IP 65

DIMENSIONS 81 mm x 295 mm

WEIGHT 2 kilos

