

CZ50WS INDUSTRIAL SMART WATER METER

Intelligent meters for water flow metering



- Meets AWWA Standards
- 5 Year Warranty
- Detect leaks
- Mineral buildup proof
- Moving parts do not degrade or misrepresent flow information over time
- Remote monitoring available
- Real time clock-calendar onboard
- Ideal for water mains, factory inlet pipes, industrial water monitoring

Description

Large industrial water meters have always been synonymous with reduced precision at low flows, serious deterioration throughout their working lives and high head loss. The CZWS meters use a revolutionary design to combat the typical issues related to industrial water meters. The meters use a turbine system that is placed in the upright position inside the meter. The plastic (polystyrol) deposition-proof turbine rests on a stainless steel shaft using a sapphire bushing with great hardness and resistance to continuous work. This combination of materials and the meter's special hydrodynamic design make the meters perform perfectly at low flows.

Reading the meter:

The industrial water meter uses two ways to read the flow data stored on it. The digital display will show the water consumption, any abnormal water flow including the possibility of leaks in the pipe, detection of possible faults in the electronic circuit, and battery status. The meter can also be read electronically with a local PC or modem. The information stored on the meter will show water consumptions that are statistically outside normal consumption that could be used to detect leaks and schedule follow up service or appointments with the client.

Connecting to the meter:

The industrial water meters have a single 1/4" phono connector that allows the meter to connect to a reading point or RS232 interface Module. The reading point can be connected so that at one single point the user can extract totally error-free information from up to 50 meters both quickly and safely. A telephone modem or GSM can be used at the reading point allowing access to data from anywhere just by dialing that telephone number.

Specifications

Nominal thread: 2-4"
Max Flow: 130-525 gpm
Nominal Flow: 65-260 gpm
Transition Flow: 1-4 gpm
Min Flow: 0.4-1.6 gpm
Max Service Pressure: 230 psi
Head loss: 5.8 psi
Temperature: 4-140 °F

See web site, www.globalw.com, for more information and specific meter specifications.

Price List

CZ50WS	Industrial Smart Water Meter 2".....	\$1855
CZWS PC Monitoring Package	Software,RS232 Interface Module, DB9 to DB9 cable....	\$515
CZ65WS	Industrial Smart Water Meter 2-1/2".....	\$2155
CZ80WS	Industrial Smart Water Meter 3".....	\$2675
CZ100WS	Industrial Smart Water Meter 4".....	\$3345
CZACC011	External Reading Point.....	\$45
CZACC015	Internal Reading Point.....	\$45

See web site, www.globalw.com, for more accessories.

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