Water Quality Interface

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Smart sensor technology offering a comprehensive solution for pro-active network management and helping safeguard water quality

Easily interfaced to the RS485 input of a compatible Cello 4s, allowing multiple water quality parameters to be measured, recorded and transmitted over cellular networks.

Key Features

- Battery powered, comprehensive water quality monitoring solution suitable for portable or permanent installation
- Provides early warning of water quality issues, e.g. Chlorine depletion through the network
- User exchangeable array of water quality sensors
- Solenoid controlled flow reducing water sample volumes / runoff
- Optional pressure and flow recording inputs
- Data and threshold alarms transmitted over cellular networks
- Easy to install in the distribution network e.g. to an existing hydrant
- Recorded data aids in predicting burst events
- Battery powered greater than 5+ years depending on mode of configuration
- Protected against water ingress



Technical Specifications

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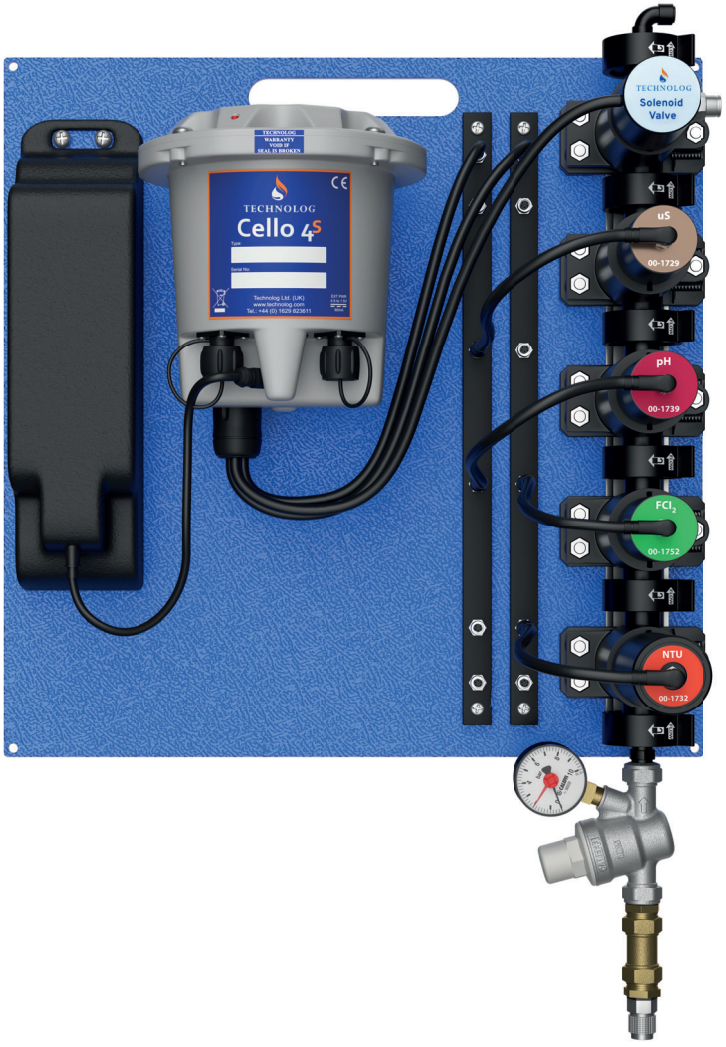
Required Flow	Controlled to 0.2 LPM during measurements
Flow Chamber Inlet Pressure	11-42 m (1-4 bar)
Sensor Output	RS-485
Available Sensors	

Parameter and Range	Resolution
Free Chlorine 0-5.00ppm	0.01ppm
Conductivity 0-2000uS	1uS
pH 0-12pH	0.01pH
Turbidity 0-40.00NTU	0.01 NTU
Pressure 0-300 PSIG (0-20 Bar)	+/-0.5% or +/-0.1%

Other sensor types or configurations are available on request.
Please contact Technolog for further information.







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2099DS9100 Issue B & DMR n/a