



LEVEL MEASUREMENT

Expert™ Level transmitter

Various models for open tanks, wells, basins and reservoirs. Easily handles rough environments, heavily polluted water and aggressive liquids. Selected models are UL and ATEX approved for use in explosive environments.

Level control and Float switch

MJK's On/Off level control and alarms, with float switches or electrodes, combine simplicity and durability.

Shuttle® Ultrasonic - Level Transmitter

The Shuttle is available with a range of sensors for ranges up to 25 m, for explosion hazard applications, and with enhanced chemical resistance.



FLOW MEASURING

MagFlux®

To measure flows of all conductive fluids such as industrial process water, drinking water, wastewater and sludge with exceptional accuracy. Advanced data logging, control functions, batch set-up and RS485 communications set a new standard for this product category.

713 open channel flow measurement

Used extensively in sewage treatment works, in wastewater treatment plants, and in the industry for measurement and logging of flow through flumes or weirs.

Flumes

MJK supplies a complete range of Parshall, Venturi and Palmer-Bowlus flumes.



PUMP CONTROLLERS

MJK pump controllers with ultrasonic or hydrostatic level transmitters provide reliable control and monitoring of liquid levels in tanks and wet wells. Models available:

Model 701 - is an alternating pump controller using hydrostatic level transmitters for 1 or 2 pumps, level control or alarms.

Model 704 - is the classical pump controller for up to 4 pumps. 704's have advanced control functions such as standard and timed alternation, staggered staging of pump starts and stops, logging the number of starts, hours of operation, calculated pump flow, pump station flow, total volume output, and communication with SCADA systems.

Model 712 - is designed for small grinder pump stations, where the pumps are controlled by level electrodes and on-time.



RTU

Connect® and Mµ Connect® are control and monitoring devices for pumping stations, small sewage treatment plants, raw water filtration systems, ground water boreholes, and booster stations for the water supply system.

They have features for energy optimization of pump operation and functions for calculation, data logging and communication to SCADA systems.



DECCAN ELECTRICALS





Connect®

Designed for larger installations with many inputs and outputs. It can be mounted directly on the wall and comes complete with display, etc

Mµ Connect®

Being modular and built for DIN rail mounting, Mµ Connect® also has built-in WiFi and is operated with a PC program Instrument Link or a smartphone.

Chatter®

It is a battery-powered monitoring device for measuring and recording level, flow, rainfall, overflow, etc. It has inputs, data logging and built-in GPRS / GSM modem to send measurements over the GPRS network to a SCADA system or to an SQL database.

ANALYSIS

pHix® pH and Redox Transmitters

For easy installation and maintenance with electrode, transmitter, and mounting in one unit, eliminating high impedance electrode connections and special hardware for mounting.

Oxix® DO Transmitter

For dissolved oxygen measurement in process and wastewater, data logging and control system.

SuSix® Turbidity and Suspended Solids Transmitter

To measure, control and data log turbidity in water purification installations and suspended solids in wastewater treatment plants.

780 LIQUID SAMPLER

The sampler automatically takes water samples from lakes, channels, wastewater plants and pump stations and uses a flexible control scheme.

SIGNAL PROCESSING AND ACCESSORIES

Accessories Include:

- | | |
|--------------------------------|--------------------------|
| Digital indicators | Isolation amplifiers |
| Motor current transmitters | Power supplies |
| Surge and lightning protectors | Differential Calculators |
| mA-Bus Converters | Communication modules |
| Mounting brackets | |

NETWORK

MagFlux®, SuSix®, Oxix® and Connect® can communicate with each other and share a display via a network connection.

With the built-in network, a Profibus or Modbus module handle transmitting signals for up to 4 meters.



Authorized Distributor:



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