

## DATA SHEET – MEASURING AND CONTROL CASE FOR PUMPING TESTS AND LOWERING OPERATION

The measuring and control case is used to monitor and control water conveying systems. The system enables automated operation in different control modes and offers remote monitoring and remote control via a web-based platform.



### AVAILABLE CONTROL TYPES

- Pumping test – control to constant flow
- Lowering mode – control to constant fill level

### TECHNICAL DATA

Parameters	Value
Piping	Stainless Steel Tubes 3"
Connections	Storz Type B couplings (input and output side)
Measuring range flow	0 – 25 l/s or 0 – 90 m <sup>3</sup> /h
Flow Control Area	0.2 – 25 l/s
Control accuracy	± 0.1 l/s (depending on hydraulic environmental conditions)
Pressure Measurement Range	0 – 16 bar
Pump control	Potential-free contact for starting an external pump
Power supply	230 V AC, Schuko plug

### WEB PLATFORM

Setpoint input and control are carried out via a web-based platform with the following functions:

Function	Description
Measured value display	Display of current measured values
Setpoint input	Specification of the desired operating parameters
Remote Start	Start control operation remotely



Function	Description
Data Visualization	Graphical display of the measured values
Quantity Recording	Total counter to record the amount of water pumped

Control operation can also be started directly at the measuring case via a local switch without permanent access to the web platform or in the absence of mobile phone reception.

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