

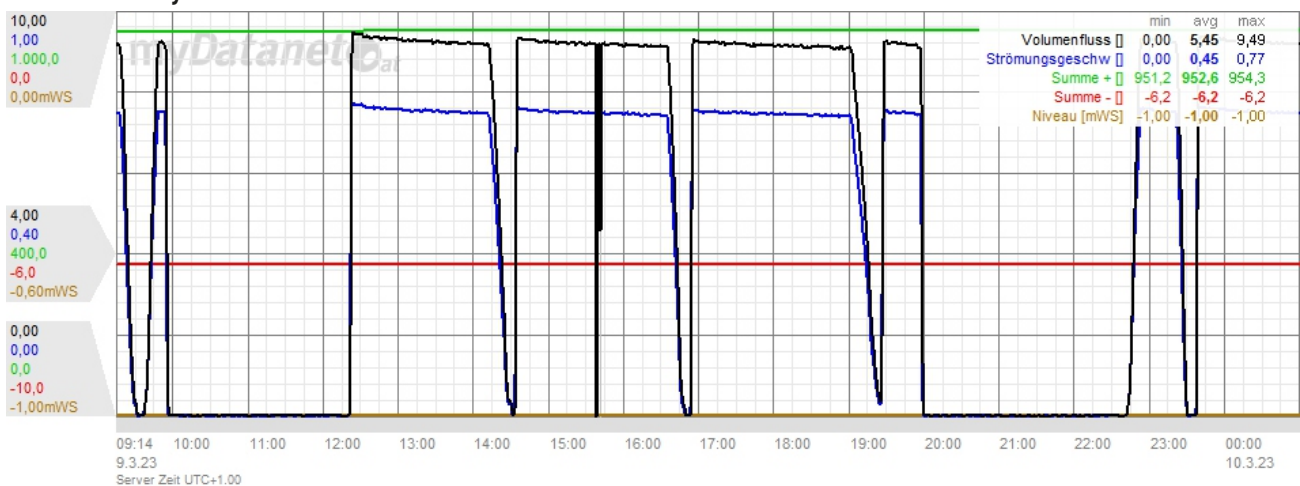
# UNIVERSAL MEASURING CASE UDM 101



The Universal Measuring Case UDM 101 is specified for water and wastewater applications. Due to the robust plastic case, the device is also ideally suited for demanding applications.

Thanks to its simple assembly and numerous measuring ranges, the universal measuring case is ideally suited for both permanent and temporary measurements.

In conjunction with GSM data transmission, the device is ideal for leakage, monitoring and verification of stationary measurement systems.



The internal battery allows a continuous operation of 48 hours including GSM data transmission.

With the optional battery case a continuous operation of approx. 200 hours is possible.

# SPECIFICATIONS

## APPLICATION AREA

Measuring range	±0,01 m/s to ±5,00 m/s
Accuracy	±1 % of measured value
Pipe diameter	DN25 to DN1200
Pipe material	Steel, stainless steel, cast iron ductile cast iron, copper, PVC, aluminum asbestos and fiberglass / epoxy
Medium	water / waste water

## FUNCTIONS AND TECHNOLOGY

Outputs	Relay outputs for OCT pulses (0-5000 Hz) Analog output 4-20 mA (max. 750Ω) Frequency output
Communication interface	RS485 Modbus
Supply	10-36 VDC / 1A
Keyboard	16 keys (4x4)
Display	Two-line alphanumeric LC display with backlighting
Temperatures in operating range	UDM101: -10 °C to + 50 °C Sensors: 0 °C to 80 °C
Rel. humidity in operating range	Up to 99 % r.H. (non-condensing)

## GENERAL INFORMATION ABOUT THE DEVICE

Protection class	UDM101: IP65 Sensors: IP68
Cable length of sensors	9 m (up to 300 m possible)
Weight	UDM101: 0,7 kg Sensors: 0,4 kg
Dimensions WxHxD	UDM101: 150,0 x 155,0 x 68,0 mm Sensoren: 31,8 x 55,0 x 23,5 mm