



## Data logger DL01

The Data logger DL-01 is a compact device with integrated pressure sensor and stainless steel housing. Because of the special design, it is suitable to be used for measurements in underground hydrants.

- Integrated pressure sensor,  
Connection via quick release coupling.
- Storage capacity up to 4,000,000 measurement values.
- Serial interface for PC.
- Powered by lithium battery.
- Up to 10 years battery life.
- Protection class IP67.

### Options:

- Another 3 possible measuring channels or inputs:
  - 1 x mA-Input for external sensors.
  - 2 x High resolution, digital counter inputs.
- Measurement cable.
- USB Adapter.
- Connection adapter for underground hydrants.
- Adapter with 1/4" and 1/2" outer thread.
- Adapter with 3/4" inner thread.

## Technical Data:

- Waterproof and robust stainless steel housing IP67.
- Integrated pressure sensor:
  - Measuring range: 1.0, 1.6, 2.5, 6.0 bar (-p01, -p016, -p025, -p06)  
10, 16, 25, 40 bar (-p10, -p16, -p25, -p40)
  - Linearity error:  $\leq 0,50$  % of the full-scale range (-T05)  
 $\leq 0,25$  % of the full-scale range (-T025) (optional)  
 $\leq 0,10$  % of the full-scale range (-T01) (optional)
- Maximum of 1 analogue input for external sensor  
Resolution: 0.007 % (Accuracy: 0.02 %).
- Adjustable measuring cycle from 16 Hz up to 30 days.
- Switched feed-in sensor by the logger (3 Volt  $\pm 3\%$ , max. 10 mA load).
- Storage capacity up to 4,000,000 measurement values.
- Battery capacity: 2.6 Ah
- Operating time without battery change:

Measurement channels	Duration of measuring		
	5 Seconds	1 Minute	60 Minutes
1 x Pressure	2 Months	6 Months	10 Years
2 x Counter	2 Months	6 Months	10 Years
1 x Pressure + 2 x Counter	2 Months	4 Months	10 Years

- Dimensions: 140 mm x 36 mm (L x W)
- Weight: 350 g
- Order number: D508L010p10

