



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.
- Maximum 4 possible input measurement channels:
 - 1 x Pressure (integrated).
 - 1 x mA-Input for external sensors.
 - 2 x High resolution, digital counter inputs.
- 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:

- 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.
- Maximum of 1 analogue input for external sensor
Resolution: 0.007 % (Accuracy: 0.02 %).
- Adjustable measuring cycle from 1 second 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: 6.0 Ah
- Operating time without battery change:

Measurement channels	Duration of measuring			
	1 Second	5 Seconds	1 Minute	10 Minutes
1 x Pressure	1 Month	4 Months	1 Year	10 Years
2 x Counter	1 Month	4 Months	1 Year	10 Years
1 x Pressure + 2 x Counter	1 Month	4 Months	8 Months	10 Years

- Dimensions: 160 mm x 40 mm (L x W)
- Weight: 800 g
- Order number: D508L010p10

