

# DruckLogger DL 4

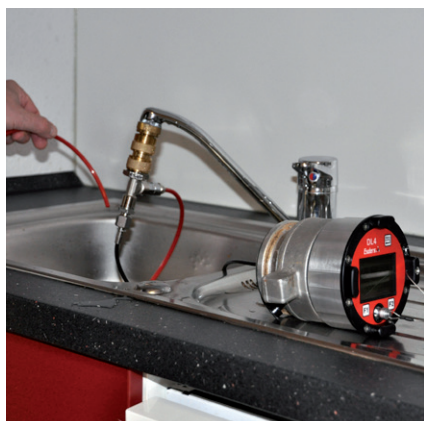
Precise, programmable pressure logger for practical measurements in water pipe networks



- Proven menu navigation with new operating concept using a magnet and Hall sensors (no membrane keys – no leaks)
- Start measurements on site and read the results intermediately
- Large graphic display showing the current measured value and statistical values
- Screws directly into the claw coupling of standard hydrants
- Pressure measuring range up to + 25 bar, accurate to 5 mbar
- Accuracy: 0.1 % of the final value at 20 °C
- Extremely robust and waterproof measuring device
- PC software for programming and documentation

The pressure logger is suitable for pressure load measurement, extreme peak pressure measurement, sporadic pressure checks and pressure tests as well as for domestic and industrial measurements.

## PICTURES OF APPLICATION



# DruckLogger DL 4

## Practice-oriented instrument technology

correspondingly user-friendly evaluation and documentation software. What the users want is: to be able to install the measuring device on underground hydrants without connection cables or pressure hoses “flying” loose. For this reason, the DL 4 is fitted directly into the hydrant’s claw coupling using the valve key. Turn clockwise to screw in, and anti-clockwise to remove. Done.

The information on the graphic display includes the current pressure, which is displayed so large that it can also be read easily in the installed position. In addition, the minimum and maximum measured values and the mean pressure can be called up. This allows changes in pressure to be recognised directly, without reading out the values.

There are sensors in the aluminium housing, which are concealed behind the “virtual” buttons. These can be operated with a magnet – i.e. without finger pressure. The magnet is located in the end cap of the plug or, optionally, in an external magnetic pen (for protection against operation by third parties). Thus, all of the operational control elements are absolutely sealed. Penetrating water and dirt don’t stand a chance. When it comes to the plug-in connection for communication and charging, we rely on the best quality available on the market.



### Fitting to underground hydrants

The DL 4 is fitted using a valve key in conjunction with the mounting tool, which automatically protects the display from damage:



### Versatile connection options with the „House connection set water”

With the well-tries 3-buttons menu navigation a global and easy operation with plaintext is possible -directly at the logger.

- Initiate pre-configured measurements (favourites)
- Set up freely programmable measurements
- Erase the memory
- Start “now” and much more



Drucklogger DL 4  
with Storz-C

## TECHNICAL DATA

Display	LCD graphic display with 128 x 64 pixels; can be illuminated
Pressure range	Up to 25 bar
Resolution	5 mbar
Measurement error	< 0.1 % of the final value at 20 °C
Protection category	IP 68
Rechargeable battery	Lithium ion battery
Rechargeable battery capacity	Up to 6 months depending on the programming
Temperature range	–15 °C to + 50 °C
Interface	USB

Technical specifications subject to change! Status 2020/06



Esders GmbH • Hammer-Tannen-Str. 26-30 • D-49740 Haseluenne  
Phone +495961/9565-0 • info@esders.de • www.esders.de



ES France - Département Bio-tests & Industries  
127 rue de Buzenval BP 26 - 92380 Garches



Tél. 01 47 95 99 90  
Fax. 01 47 01 16 22



e-mail : bio@es-france.com  
Site Web : www.es-france.com