

## DULCOEYE LT Our new low turbidity sensor

Optical. Smart. Precise.

optify  
your  
system

[www.prominent.com/dulcoeye-lt](http://www.prominent.com/dulcoeye-lt)



### Your complete system

We have developed the DULCOEYE LT sensor specifically for use with the new controller DULCOMETER diaLog C. The single-channel two-way controller enables precise control of a measured variable in both directions. It can be used to control two pumps in parallel. It is compact, easy to use, intuitive to configure and its intelligent disturbance processing guarantees stable processes.

— More information: [www.prominent.com/dialogc](http://www.prominent.com/dialogc)



### Advantages at a glance

- Laboratory-quality measurement results
- Intelligent design and intuitive operation with no training required
- Clever algorithm and high-quality components
- Low maintenance and water consumption
- Short response times and guided calibration options



ProMinent®

Contact details for local subsidiaries and agencies can be found at

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## DULCOEYE LT

# The new dimension in precision

The DULCOEYE LT is the first sensor in the new DULCOEYE optical product line. Its smart function and intelligent construction enable crystal-clear precision. This makes it the logical extension of our system solutions.

**Optify your system!**



You can find all  
information here:



### Optical

#### Highest quality and easy handling

The DULCOEYE LT sets new standards in liquid analysis thanks to state-of-the-art technology. The digital sensor with a long-term stable light source delivers highly precise, laboratory-quality measurement results – consistently and reliably.

#### Efficient and ready for immediate use

The DULCOEYE LT is designed for performance and efficiency: Thanks to factory calibration and plug-and-play functionality, the sensor can be used immediately – without any additional effort.

### Smart

#### Intelligent design

A system that simply offers more: gentle, hydrodynamic self-cleaning, automatic reduction of air bubbles plus an automatic rinse valve for programmable remote flushing. That's what we call practicality!

#### Low maintenance and system integration

Well thought-out down to the last detail: The high-quality components reduce maintenance requirements. For perfect compatibility, the sensor can be optimally combined with ProMinent measuring and control devices.

### Precise

#### Laboratory-quality measurement results

Fascinating technology: The DULCOEYE LT works with high precision and optimised signal processing. Its intelligent algorithm enables reliable measurement results without interference. In addition, there are guided calibration options and solid-state verification.

#### Ideal for applications in the fine turbidity range

Impressive data: Measuring range from 0 to 100 NTU, accuracy of  $2\% \pm 0.02$  NTU, resolution of 0.001, operating temperature from 0 to 45 degrees Celsius, 1 to 3 bar process pressure and 20 to 30 litres flow per hour.

  
**optify**  
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