

## DULCOEYE LT

Our new low turbidity sensor

Optical. Smart. Precise.



### 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®**

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Technical changes reserved (01/2026).

optify  
your  
system



## 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.