

## AMI Turbiwell

*Non-contact nephelometric system for the automatic and continuous measurement of turbidity in potable water, surface water and effluent (ISO 7027).*

- *Measuring range:*  
0.000 – 200 FNU
- *Precision:*  
±0.003 FNU or 1% of the reading
- *Non-contact turbidimeter:*  
Optical elements are not in direct contact with the sample – no fouling
- *Low water consumption.*
- *Optional sample degasser.*
- *Low maintenance and simple verification.*
- *Complete system mounted on panel, ready for installation and operation. Factory calibrated with formazine.*

(Data Sheet No. DenA2541X6XXX)



*Low Level Turbidity*

# Turbidity in Potable Water, Surface Water and Effluent.

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## Turbidity Verification Kit (available as low or high FNU)

A-85.151.060 low FNU  
A-85.151.070 high FNU



## Analytical System

- Range: 0.000 to 200.0 FNU with automatic range switching.
- High precision:  $\pm 0.003$  FNU or 1% of the reading.
- Heated optics to avoid condensation.
- Optional sample degasser to avoid the formation of bubbles in the sample.
- 2 versions of the AMI Turbiwell for purging of the sample chamber:
  - manual operation of the drain valve or
  - automatic regulation of the drain via electric motor
- Optional: thermal or mechanical flow monitoring connected to electronic unit.

## AMI Electronic Unit

- Resistant aluminum housing IP66.
- Large backlit LC-Display for the reading of the measured value and status information.
- Two freely scalable current signal outputs (0/4 – 20 mA).
- Alarm relay and two programmable limit switches.
- Optional Profibus communication.

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ANALYTICAL INSTRUMENTS