

## AMI Turbitrace

*Nephelometric System for the Automatic and Continuous Measurement of Low Level Turbidity in Pure and Ultra Pure Water (ISO/DIN Standard).*

- *Measurement range: 0.000 to 100.0 FNU*
- *High precision:  $\pm 0.001$  FNU or 1% of reading.*
- *Fast response: 90% of change within 15 seconds.*
- *Automatic zero point adjustment.*
- *Valve and connector for calibration according to ISO 7027.*
- *Easy user interface with full-text menu.*
- *Pressure resistant system up to 10 bar.*
- *Complete system mounted on panel. Factory calibrated with formazine according to ISO 7027. Ready for operation.*

*(Data Sheet No. DenA2541X5X0)*



Low Level Turbidity

# Low Level Turbidity in Pure and Ultra Pure Water

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High precision secondary standard for quality control.

(A-85.151.010 Low FNU)



## Analytical System

- Range: 0.000 to 100.0 FNU with automatic range switching.
- High precision:  $\pm 0.001$  FNU or 1% of reading.
- Programmable automatic zero point measurement for drift compensation by integrated sub-micron particle filter.
- Valve and connector for slope calibration with formazine according to ISO 7027.
- Continuous monitoring of sample flow and maintenance requirements.
- Pressure resistant sample system up to 10 bar avoids outgassing of sample.

## AMI Electronic Control Unit

- Resistant aluminum housing IP66.
- Large backlit LCD display for the reading of measuring value, flow and operating status. Full-text menu driven user interface.
- Zero point calibration history.
- Two freely scalable current signal outputs. (0/4 - 20 mA)
- Alarm relay and two programmable limit switches.
- PID control on limit switches and signal outputs.
- Remote-off input relay. (e.g. for filter back-wash)
- Optional Profibus DP communication.

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ANALYTICAL INSTRUMENTS