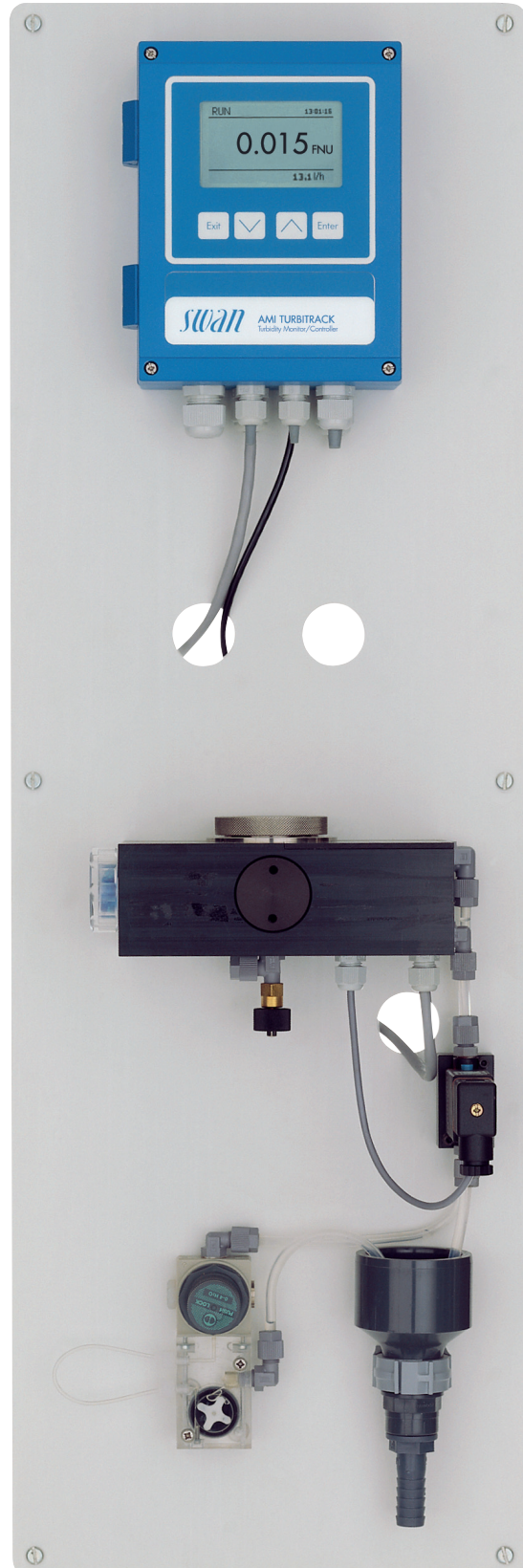


## AMI Turbitrack

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

- *Measurement range:  
0.000 to 100.0 FNU*
- *High precision:  
± 0.001 FNU or 1% of reading*
- *Fast response:  
90% of change within 15 seconds*
- *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. DenA2541X2X0)*



Low Level Turbidity

# Low Level Turbidity in Pure Water



High precision secondary standards for quality control:

A-85.151.010 Low FNU  
A-85.151.020 Zero FNU



## Analytical System

- Range: 0.000 to 100.0 FNU with automatic range switching.
- High precision:  
 $\pm 0.001$  FNU or 1% of reading.
- Automatic purging of optical chamber in programmable intervals.
- Valve and connector for slope calibration with formazine according to ISO 7027.
- Continuous monitoring of sample flow. Typical: 5 - 20 l/h.
- 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 RS 485 interface with Fieldbus protocol Modbus or Profibus DP.

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ANALYTICAL INSTRUMENTS