

FICTIONAL DEMO DOCUMENT - SPECIMEN ONLY. NOT A REAL PRODUCT, APPROVAL OR CERTIFICATE.

AN-410

Turbidity Sensor

Nephelometric sensing for filter and effluent monitoring.

KEY FEATURES

- Nephelometric 90° measurement
- Self-cleaning wiper option
- ISO-style 0–4,000 NTU range

The AN-410 measures the light scattered by suspended particles to report turbidity. A built-in wiper keeps the optics clean in raw water and effluent.

TECHNICAL SPECIFICATION

MEASUREMENT	
Principle	Optical analysis
Measuring range	0 to 4000 NTU
Accuracy	±2 % of reading
OUTPUT	
Signals	4–20 mA, Modbus RTU
PROCESS	
Connection	Insertion
Process temperature	0 to 60 °C
ENVIRONMENT	
Ingress protection	IP68
APPROVALS	
Approvals (demo)	Drinking-water contact
MEASUREMENT	
Resolution	0.001 NTU
Wavelength	860 nm
PROCESS	
Max. pressure	6 bar
Sensor body	Stainless steel, optional titanium

Specifications are illustrative demo values created for the INSTRAVA template. Replace with your own product data.