

Turb Sensor InPro8050

Durable Turbidity Sensor for Wastewater. *The In Pro 8050 single optical fiber turbidity sensor is designed for samples that have a high particle concentration. The sensor has a wide linear measuring range.*

Process Control at High Concentrations

The single-fiber backscattered light technology of the In Pro 8050 sensor provides a wide linear measuring range of up to 250 g/l for suspended solids.

Withstands Harsh Environments

The In Pro 8050 was developed especially to guarantee accuracy and durability in industrial wastewater environments.

Rugged PSU Sensor Body

The In Pro 8050 utilizes a rugged PSU (polysulfone) body, which withstands harsh process conditions in wastewater treatment.



Sensor Design Meets Industry Demands

Backscattered lighting technology and the use of a fiber optic cable allow for a sensor design with a uniform, unbroken surface structure. The sensor remains free of fouling and is easy to clean, thus enabling it to meet the toughest demands.

Flexible for Your Application

The In Pro 8050 turbidity sensor can be used from small-scale benchtop level through to commercial process installation due to its compact 12-mm design.

Specifications - Turb Sensor InPro8050

Operating Range FTU	10 – 4,000
Measuring Temp. Range	32 °F – 140 °F (0 °C – 60 °C)
Connection	Fixed cable
Hazardous Area Approvals	No
Hygienic/Biocompatibility Approvals	No
Light Source	External
Light Technology	Backscatter
Measured Pressure Resistance	0 psi – 29 psi (0 bar – 2 bar)
Primary Media/Application	Other Water Processes
Process Connection	Pg 13.5
Sensor Diameter	12 mm (0.47")
Sterilizable/Autoclavable	No
Wetted Materials	PSU
Window	None
Material Number(s)	52800209