

BlueTrack Technologies

Technology you can trust, Progress you can measure

Product Overview

Turbine Flow Meter is a high-precision liquid flow measurement instrument designed for accurate monitoring of clean and low-viscosity liquids. It operates on the turbine rotation principle, where the flowing liquid rotates an internal turbine rotor and generates proportional electrical signals.

This model operates on **230V AC or 24V DC power supply** and provides multiple industrial output options such as **RS485, 4–20mA, Pulse Output, etc.** It is suitable for water, diesel, light oils, chemicals, and other clean fluids in industrial applications.

Key Features

- ✓ High accuracy flow measurement
 - ✓ Dual power supply: 230V AC / 24V DC
 - ✓ Multiple output options: RS485 / 4–20mA / Pulse
 - ✓ Fast response time
 - ✓ Low pressure drop
 - ✓ Stainless steel body construction
 - ✓ Digital display (optional)
 - ✓ Easy integration with PLC / SCADA systems
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Product Image



Technical Specifications (Quick View)

Parameter	Specification
Measurement Type	Liquid Flow Rate & Totalizer
Measuring Medium	Clean Liquids (Water, Diesel, Oil, Chemicals)
Flow Range	0.1 m ³ /h to 200 m ³ /h (Model Dependent)
Accuracy	±0.5% to ±1%
Repeatability	±0.2%
Output	RS485 / 4–20mA / Pulse
Power Supply	230V AC or 24V DC
Pressure Rating	Up to 40 Bar
Operating Temperature	-20°C to +120°C
Body Material	SS304 / SS316
Protection Class	IP65 / IP67
Display	LCD / Digital (Optional)

Applications

-  Water Distribution Systems
 -  Diesel & Fuel Monitoring
 -  Chemical Processing Plants
 -  Oil & Gas Industry
 -  Food & Beverage Industry
 -  Irrigation Systems
 -  Industrial Automation
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Advantages

- Accurate & stable performance
 - Reliable for industrial applications
 - Multiple output options for automation
 - Easy installation & low maintenance
 - Long service life
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Optional Features

- Explosion-proof version
 - Flanged / Threaded connection
 - High temperature model
 - Integrated totalizer
 - Custom communication protocol
 - Data logging system
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Support & Customization

- Custom flow range selection
 - OEM branding
 - Special material construction
 - PLC / SCADA integration support
 - Installation & commissioning assistance
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Company Details

Bluetrack Technologies

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