

# Turbine Flow Meter

DS1012



## Features:

- Flow rates from 0.5 - 5 L/min
- High accuracy/excellent reliability
- Industrial and hygienic versions available
- Wide range of end connections available
- Available for gas applications
- Reverse and dual pick-up options available



## Description:

A range of Stainless Steel turbine flowmeters capable of measuring flow rates of water and low to medium viscosity oils and other liquids in high pressure applications. Providing an electrical pulse output these meters, when linked to a display unit, provide accurate and high repeatability flow measurement.

High accuracy measurement is provided by the NT series for up to 6" lines.

## Applications:

- Flow measurement

Accuracy	NT: $\pm 0.5\%$
Repeatability	NT: $\pm 0.1\%$
Output	Sinusoidal pulses, 50-80mV
Electrical Connections	2-way Amphenol connector
Pressure Drop	0.2-0.5 bar, depending on meter size
Temperature	150°C maximum (high temperature version available)
Pressure	300 bar maximum
Wetted Materials	Stainless Steel, Tungsten Carbide and Carbon filled PTFE (NS series includes a Butyle rubber o-ring)

## SKU

## Description

FFTB0012	Flow Range 0.5 - 5 L/min, 17000 Pulses/Litre, with 3/8" BSP Connection
FNT11	Flow Range 5 - 50 L/min, 2600 Pulses/Litre, with 1/2" BSP Connection
FNT13	Flow Range 8 - 80 L/min, 1950 Pulses/Litre, with 3/4" BSP Connection
FNT19	Flow Range 15 - 150 L/min, 630 Pulses/Litre, with 1" BSP Connection
FNT24	Flow Range 25 - 250 L/min, 350 Pulses/Litre, with 1" BSP Connection
FNT38	Flow Range 65 - 650 L/min, 117 Pulses/Litre, with 1 1/2" BSP Connection
FNT48	Flow Range 110 - 1100 L/min, 67 Pulses/Litre, with 2" BSP Connection
FNT5	Flow Range 1.2 - 10 L/min, 5900 Pulses/Litre, with 1/2" BSP Connection
FNT7	Flow Range 2 - 20 L/min, 3000 Pulses/Litre, with 1/2" BSP Connection

## General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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