

MINIATURE TURBINE FLOWMETER

FMTD-008-...

Housing : IP68
Conformity : CE, RoHS, WEEE



Description

The Bass Instruments Flowmeter FMTD series is designed for measure and monitor liquids. The FMTD Flowmeter is a general-purpose device; specially for higher throughputs of up to approx.3 l/min. It is employed for measuring, regulating or metering and guarantees most precise measurement of fluid quantities. In addition, a pulse generator integrated into the flowmeter guarantees a practically unlimited useful life.

Technical Data

Wetted part material	: Polyamide (PA)	Max. Rated Current	: 8 mA
Size	: G1/4" or hose conn.	Humidity	: 90 %
Magnets	: Ferrit	Repeatability	: Better than 0,5 %
Working temperature	: -25°C...+120°C	Electrical Connection	: 1m or 3 m cable
Working pressure	: 20 bar max.	Viscosity	: up to 20 cSt max.
Output	: Pulse, ops. Analog	Inlet Diameter	: 2 mm
Power Supply	: 4,5...24 VDC	Outlet Diameter	: 4 mm
Accuracy	: % 1	Enclosure	: IP68

Applications

- | | |
|--|--|
| <input type="checkbox"/> Smart Drinking Fountains | <input type="checkbox"/> Beverage Industry |
| <input type="checkbox"/> Water Wending Machine | <input type="checkbox"/> Other Liquid Filling Machine |
| <input type="checkbox"/> Tea and Coffee Machine | <input type="checkbox"/> Water Purifier |

Ordering Codes

Type	Range	Cable Length	Output	Factor
FMTD-008-01-F	0,15...3 l/min	1 m.	Pulse, NPN	2200 pulse/l*
FMTD-008-03-F	0,15...3 l/min	3 m.	Pulse, NPN	2200 pulse/l*
FMTD-008-01-A	0,15...3 l/min	1 m.	Analog	4...20 mA
FMTD-008-03-A	0,15...3 l/min	3 m.	Analog	4...20 mA

*approx.

Electrical Connection

