

TMC-15 IP68

Battery-operated Converter for Full Pipe Flow Meter Sensors



The TMC-15 IP68 is a battery-operated converter for full pipe sensors. It is powered by alkaline batteries. The TMC-15 IP68, with its Modbus RTU output and contact closure outputs, becomes a powerful full pipe flowmeter and data reporting system when combined with the TORPEE-MAG sensor.

The TMC-15 IP68 provides users with a reliable solution for full pipe flow monitoring applications. The TMC-15 IP68 model includes: an IP68 PVC enclosure, alkaline batteries and two Pulses/Alarm outputs.

Technical Specifications

Supported Sensor

TORPEE-MAG	1" bidirectional 1.5" forward flow and bidirectional
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Enclosure

Material	PVC
Protection rate	IP68
Dimensions	450 mm H x 138 mm Ø (18" x 5.4")
Weight	8 kg (17.64 lb)

General Attributes

Programming	USB port for connection to PC
Serial interface	RS485
Data logger	MicroSD Memory Card 4 to 32 Gb Only to be used as backup
Data storage	Values storing system in case of power failure
Full scale value	±0 to 10 m/s (±0 ft to 32.8 ft/s)
Galvanic isolation	All the inputs/outputs are galvanically isolated (up to 500 V)
Bidirectional	YES
Diagnostic function	YES
Empty pipe detection	YES
CE certification	YES

Outputs/Inputs

Pulse/Alarm output	2 digital outputs, 1250Hz, 100mA, 30Vdc
Serial output	Modbus RTU

Measurements Tolerance

Flow rate (volume)	±0.1% r.v.
Frequency out	±0.2% r.v.

Power Supply

Alkaline	6 size D alkaline batteries
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Ambient Conditions

Operating temp.	-20°C to +60°C (-4°F to +140°F)
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*Specifications are subject to change without notice
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