



ALIAMAG

Converter For Electromagnetic Flowmeter

Model AMC22CSN Series

GENERAL

ALIAMAG The ALIAMAG AMC22CSN Series converter is a microprocessor based intelligent transmitter that can be paired with any of the Alia AMF series sensors. Without LCD display, AMC22CSN can directly performs flow detection, choosing corresponding current, pulse, Bluetooth or RS485 output according to flow and other information. In order to facilitate operation, AMC22CSN is equipped with functions including external clearing, empty pipe detection and operation status indication. And the staff can use the Bluetooth APP or external LCD board to set the parameters.



FEATURES

- Accuracy of +/-0.35% value of reading
- Bi-directional flow measurement, current and pulse output
- Bluetooth / MODBUS communication
- Available to set parameters by Bluetooth APP or external LCD board
- with external zero calibration, empty pipe detection & operation status indication

STANDARD SPECIFICATION

- Excitation : DC pulsed
- Unit
 - Totalizer Unit : t, kg, g, lb, Ston, Lton, m³, L, mL, lgal, gal, Mgal, bbl, ft³, a-ft
 - Time Unit : sec, min, hour, day
- Measuring Range : Min. 0-0.15 m/s
: Max. 0-15 m/s
- Accuracy : +/-0.35% of reading (Velocity ≥ 0.5 m/s)
: +/-0.00175 m/s (Velocity < 0.5 m/s)
- Repeatability : +/-0.07% of reading
- Current Output : 4-20 mA (Isolated)
 - Load : Max. 500 Ω
- Pulse Output : Open collector
 - Rating : 3-30 VDC, 100 mA Max.
- Pulse Rate : 1) Scaled pulse (mL/Pulse, L/Pulse, Hz)
: 2) Frequency: 0-2000 Hz
- Pulse Width : 50% of band width
- Communication : Bluetooth (Android) Standard
: RS485 (MODBUS Protocol) Standard
- Data Storage : Operation parameters and totalizer figures are stored by EEPROM for more than 10 years
- Low Flow Cutoff : 0-9.9%
- Damping : 0-99.9 Seconds
- Density Setting : 0.1-9.999 g/cm³
- Self Diagnosis : -Meter operating status
: -Bluetooth operating status
: -Empty pipe
- Cable Entry : Standard: PG11 Option: 1/2" NPTF
- Protection Class : IP67
- Ambient Temperature : -25~65 °C
- Material : Aluminum Alloy
- Power Supply : 90-260 VAC, 50/60 Hz
: 24 VDC +/-15% (Option)
- Power Consumption : 3-17 W (Dependent on sensor size)
- Weight : 1.3 kg
- Mounting : Compact version



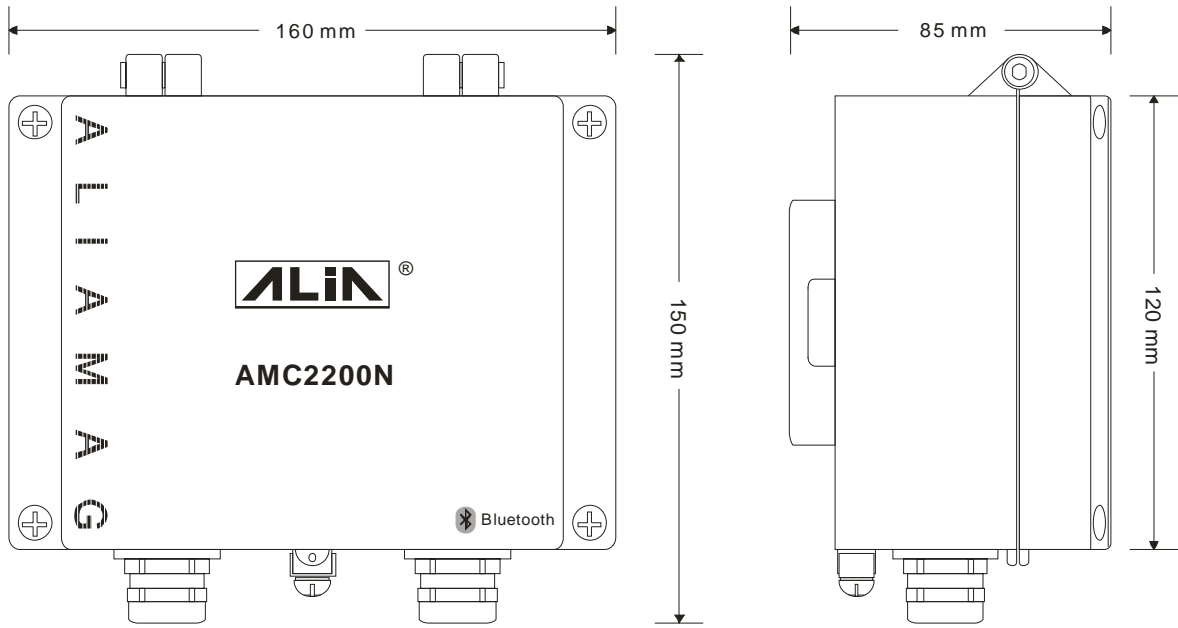
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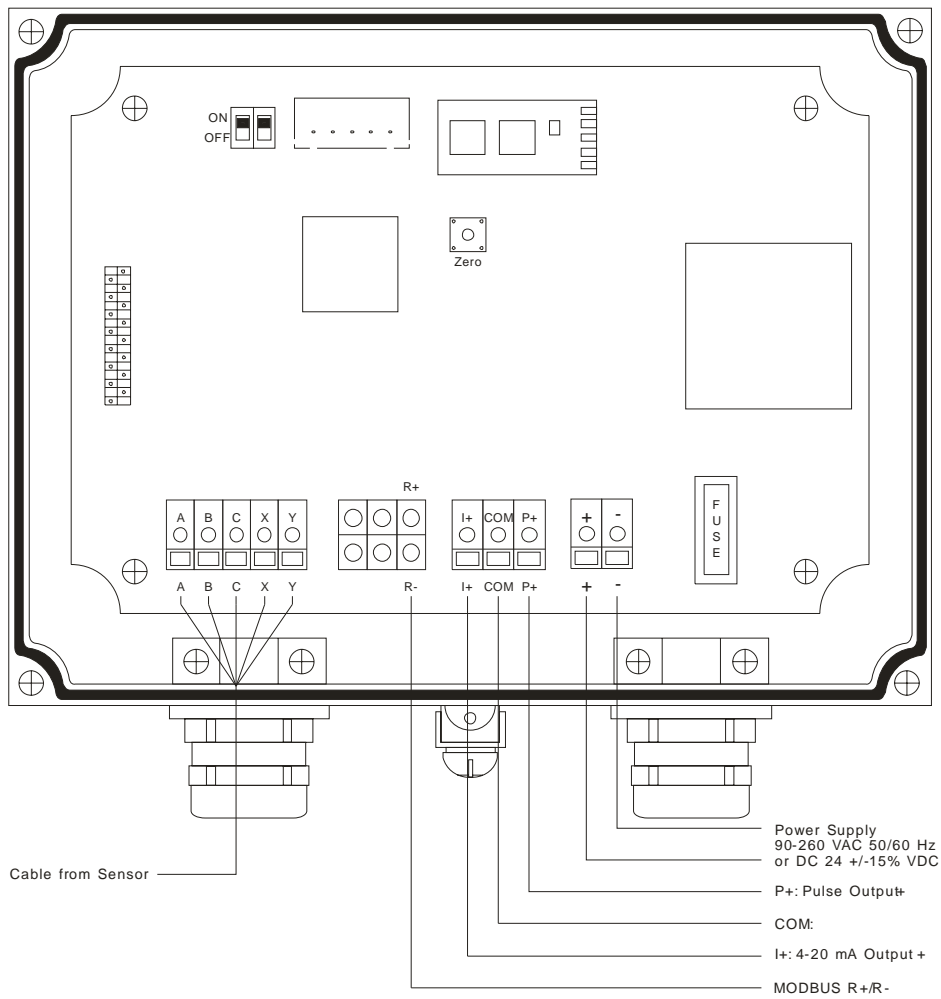


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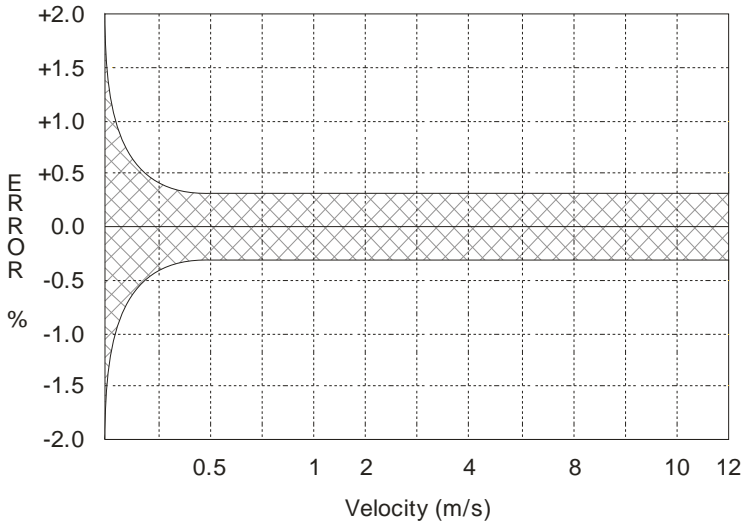
➤ DIMENSIONS



➤ WIRING DIAGRAM



➤ ACCURACY



➤ PARAMETERS SETTING



➤ MODEL SELECTION GUIDE

AMC22CSN Series					
Example: AMC22CSN-AC-CP-NN-PT					
AMC22CSN-	XX-	XX-	XX-	XX	Description
Power Supply	AC-				90-260 VAC, 50/60 Hz
	DC-				24 VDC, +/-15%
Mounting		CP-			Compact with Sensor
Communication			NN-		RS485 (MODBUS Protocol) and Bluetooth
Option			NN		None
			PT		Cable Entry 1/2" NPTF

BUILD OPTIONS

