

DATA ACQUISITION MODULES



FEATURES

- Universal input channel
- Field isolation upgradeable
- Baud rate selectable
- Modbus RTU protocol
- Compact design,

1. MODEL: PF - DAM - ■

No	Model ID	Description	No of Channel	Signal Type	Power Consumption	Specific Feature
1	@ IO_UI_08	Universal Analog Input	8	High level: 0-20mA, 4-20mA 0-5V, 1-5V, 0-10V Low level: -150mv ~ 150mv T/C: J: -210 ~ 1200°C K: -270 ~ 1370°C T: -270 ~ 400°C E: -270 ~ 1000°C R: -50 ~ 1760°C S: -50 ~ 1760°C B: 0°C ~ 1820°C N: -270 ~ 1300°C RTD: PT100 (DIN) -200°C ~ 850°C	24VDC, 120mA	Field upgradeable Isolated Input
2	@ IO_AI_08	Analog Input	8	Current: 0-20mA, 4-20mA Voltage: 0-10V, 0-5V, 1-5V	24VDC, 120mA	Field upgradeable Isolated Output
3	@ IO_AO_02	Analog Output	2	Current: 0-20mA, 4-20mA Voltage: 0-10V, 0-5V, 1-5V	24VDC, 160mA	Field upgradeable Isolated Output
4	@ IO_DI_16	Digital Input	16	24V DC Sink	24VDC, 130mA	
5	@ IO_DO_PR_08	Power Relay Digital Output	8	Power Relay 220VAC (30VDC) 2A Load	24VDC, 120mA	
6	@ IO_DIO_16	Digital Input / Output	DI: 8 DO: 8	DI: 24VDC Sink DO: 24VDC Source, 0.5A	24VDC, 140mA	
7	@ IO_CI_02	Counter Input	CI: 2 DOPR: 4	DI: 24VDC Sink DO: Power Relay 220VAC (30VDC) 2A Load	24VDC, 92mA	
8	@ IO_PWR_24	24V Power Supply		Output: 24V, 1.2A	85-265VAC, 47-63HZ	

2. Specification

MODEL ID	DESCRIPTION	SPECIFICATION
@ EM_RS485_Isolated	Isolated RS485 Module	Voltage Isolation: 1000VAC
@ EM_UI_Isolated	Isolated UI Input Module	Channel to Channel Isolation: 350VAC/DC Channel to System Isolation: 1000VAC/DC
@ EM_AO_Isolated	Isolated AO Output Module	Channel to Channel Isolation: 1000VAC/DC Channel to System Isolation: 1000VAC/DC

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3. Dimension Unit: mm

