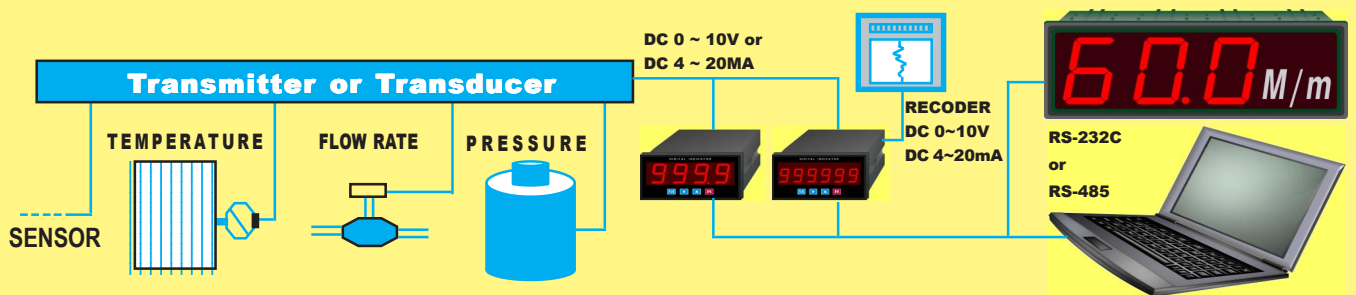


# Programmable Analog Meter



**2 Channel Input DC 4~20mA / 0~10V**  
**20 mm digit high for 4-digit**  
**14 mm digit high for 5,6-digit**  
**Zero, Span Programmable**  
**2, 4 Alarm Set Point ( Hi or Lo )**  
**Hysteresis Programmable**  
**Delay Time Programmable**  
**Analog Output DC 0~10V**  
**Analog Output DC 4~20mA**  
**RS-232c RS-485 ModBus ( RTU / ASCII )**



型號 Model No.	顯示範圍 Display Range	零點調整 Zero Adjust	線性調整 Span Adjust	警報設定 Alarm Set (Hi or Lo)	磁滯設定 Hysteresis	延時設定 Time Delay	串列輸出 Serial Port xx2 - RS232C xx5 - RS485 類比輸出 (16 bits) Analog Output xx7 - DC 0 ~ 10V xx8 - 0 ~ 20MA xx9 - 4 ~ 20mA
PAM = CASE 96x48 mm 4xx -digit 5xx -digit 6xx -digit							
PAM-400	-1999~9999	-1999~9999	-1999~9999	-	-	-	-
PAM-402(5)	-1999~9999	-1999~9999	-1999~9999	-	-	-	Serial Communication
PAM-407(8,9)	-1999~9999	-1999~9999	-1999~9999	-	-	-	Analog Output
PAM-420	-1999~9999	-1999~9999	-1999~9999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	-
PAM-422(5)	-1999~9999	-1999~9999	-1999~9999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	Serial Communication
PAM-427(8,9)	-1999~9999	-1999~9999	-1999~9999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	Analog Output
PAM-440	-1999~9999	-1999~9999	-1999~9999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	-
PAM-442(5)	-1999~9999	-1999~9999	-1999~9999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	Serial Communication
PAM-447(8,9)	-1999~9999	-1999~9999	-1999~9999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	Analog Output
PAM-500	-99999~99999	-19999~99999	-19999~99999	-	-	-	-
PAM-502(5)	-99999~99999	-19999~99999	-19999~99999	-	-	-	Serial Communication
PAM-507(8,9)	-99999~99999	-19999~99999	-19999~99999	-	-	-	Analog Output
PAM-520	-99999~99999	-19999~99999	-19999~99999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	-
PAM-522(5)	-99999~99999	-19999~99999	-19999~99999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	Serial Communication
PAM-527(8,9)	-99999~99999	-19999~99999	-19999~99999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	Analog Output
PAM-540	-99999~99999	-19999~99999	-19999~99999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	-
PAM-542(5)	-99999~99999	-19999~99999	-19999~99999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	Serial Communication
PAM-547(8,9)	-99999~99999	-19999~99999	-19999~99999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	Analog Output
PAM-600	-199999~999999	-199999~999999	-199999~999999	-	-	-	-
PAM-602(5)	-199999~999999	-199999~999999	-199999~999999	-	-	-	Serial Communication
PAM-607	-199999~999999	-199999~999999	-199999~999999	-	-	-	Analog Output
PAM-620	-199999~999999	-199999~999999	-199999~999999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	-
PAM-625(2)	-199999~999999	-199999~999999	-199999~999999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	Serial Communication
PAM-627(8,9)	-199999~999999	-199999~999999	-199999~999999	2 Point	0 ~ 99	0 ~ 99.9 Sec.	Analog Output
PAM-640	-199999~999999	-199999~999999	-199999~999999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	-
PAM-642(5)	-199999~999999	-199999~999999	-199999~999999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	Serial Communication
PAM-647(8,9)	-199999~999999	-199999~999999	-199999~999999	4 Point	0 ~ 99	0 ~ 99.9 Sec.	Analog Output

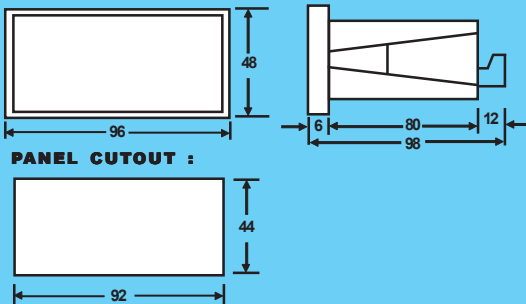
**FEATURES:**

- \* There are 2 analog input DC 0~10V and DC 4~20mA in one meter.  
一台電表同時有 2 個類比輸入埠 DC 0~10V and DC 4~20mA .
- \* Large display : 0.8" high for 4-digit, 0.56" for 5-digit and 6-digit.  
擁有較大美觀數字, 4 位數高 0.8"(20mm), 5, 6 位數高 0.56"(14mm)
- \* Programmable Zero; Span in full measuring range.  
4-digit -1999~9999; 5-digit -99999~99999; 6-digit -199999~999999  
可全範圍規劃零點及滿刻度 .
- \* Alarm set point (2 or 4) detect by LO or HI programmable.  
可規劃警報設定點(2 點, 4 點) 為 HI 或 LO 比較 .
- \* Programmable hysteresis 0~99 to avoid output swing.  
可設定磁滯 0 ~ 99 以避免輸出產生振盪現象 .
- \* Programmable output delay-time 0~99.9sec.  
可設定延遲輸出時間以避免因雜訊或突波引起輸出誤動作 .
- \* Programmable RS-232/RS-485 protocol for ModBus RTU or ASCII.  
可設定串列輸出通訊協議為 ModBus RTU 或 ASCII .
- \* Programmable communication from 0 to 247.  
可設定串列輸出通訊位址 0 ~ 247 .
- \* Programmable communication baud rate from 2400bps to 115200bps.  
可設定串列輸出通訊速率為 2400bps to 115200bps .
- \* Able to connect to large display ( 4" or 10" 7-Segment display ).  
可串接 4 英寸(10 cm)及 10 英寸(25 cm)字高大型顯示器 . .

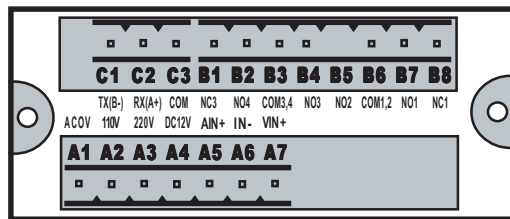
**Specifications:**

- Input Signal: DC 0 ~ 10V and  
輸入信號 : DC 4 ~ 20mA.
- Input Impedance: 400K ohm.(DC 0 ~ 10V)  
輸入組抗 : 120 ohm (DC 4 ~ 20 mA)
- Measuring Range: 4-digit -1999 ~ 9999.  
顯示範圍 : 5-digit -99999 ~ 99999.  
6-digit -199999 ~ 999999.
- Display digit-high: 4-digit 0.8"(20mm).  
顯示字幕 : 5-digit 0.56"(14.2mm)  
6-digit 0.56"(14.2mm)
- Measuring Accuracy: +/- 0.1% FS, +/- 2 counts.  
顯示精度 :
- Sampling Time: 5 cycles / Sec.  
顯示更新 :
- Over Range Indication: 4-digit OVER/-1999 flash; OVER/9999 Flash.  
過值顯示 : 5-digit OVER/-99999 flash; OVER/99999 Flash.  
6-digit OVER/-199999 flash; OVER/999999 Flash.
- Decimal Point Setting: Programmable in any digit.  
小數設定 :
- Setting Point: 2 Point (Hi or Lo Programmable).  
比較設定 : 4 Point (Hi or Lo Programmable).
- Hysteresis Setting:  
磁滯設定 : 0 ~ 99.
- Output Time Delay: 0 ~ 99.9 Sec.  
輸出延時 :
- Communication Output: RS-232C or RS-485.  
串列通訊 : ModBus RTU / ASCII.  
Address 0 ~ 247  
Baud\_Rate: 2400; 4800; 9600; 14400; 19200;  
28800; 38400; 57600; 76800; 115200 (bps).  
DC 0 ~ 10V; DC 0 ~ 20 mA; DC 4 ~ 20mA.
- Analog Output:  
類比輸出 :
- Power Supply: AC 115V / 230V; AC 90 ~ 260V, 50/60 Hz.  
工作電源 : 3.5VA .  
Operating Temperature: 0~50°C.  
工作溫度 :
- Operating Humidity: 45 ~ 85 %RH.  
工作濕度 :
- Degree of Protection: IP 54  
保護等級 :
- Dimension: 1/8 DIN  
外型尺寸 : 96(W)X48(H)X90(D)mm.  
Panel Cutout: 92(W)X44(H)mm.  
開孔尺寸 :

**DIAMENSIONS :**



**Terminal Block Connections :**



**Order Information :**

**PAM - 5 4 2**

P = Programable  
A = Analog  
M = Meter

4 = 4 digits ( -1999 ~ 9999 )  
5 = 5 digits ( -99999 ~ 99999 )  
6 = 6 digits ( -199999 ~ 999999 )

0 = No Output  
2 = 2 set-point with 2 Outputs  
4 = 4 Set-point with 4 Outputs

0 = No Communication  
2 = RS-232  
5 = RS-485  
7 = DC 0~10V Analog Output  
8 = DC 0~20mA Analog Output  
9 = DC 4~20mA Analog Output

**JJX Electronics CO., LTD**  
TEL : 86-21-51098812 FAX : 86-21-54620068  
E-mail : luck@jjx88.com  
http://www.jjx88.com