

FEATURE

- 6 Popular Input and Output Ranges Programmable by dip switches
- Changeable Input Module Between V/mA , Potentiometer, Strain Gauge, easy maintain and save stock
- Dual difference signal output available



SPECIFICATION

Input Range	Input Impedance	Output Range	Load Resistance
0 ~ 10 mV	≥ 1MΩ	0 ~ 100 mV	≥ 100KΩ
0 ~ 50 mV	≥ 1MΩ	0 ~ 1 V	≥ 100Ω
0 ~ 100 mV	≥ 1MΩ	0 ~ 5 V	≥ 500Ω
0 ~ 1 V	≥ 1MΩ	0 ~ 10 V	≥ 1KΩ
0 ~ 5 V	≥ 1MΩ	1 ~ 5 V	≥ 500Ω
0 ~ 10 V	≥ 1MΩ	2 ~ 10 V	≥ 1KΩ
1 ~ 5 V	≥ 1MΩ	-10 ~ 0 ~ +10 V	≥ 10KΩ
2 ~ 10 V	≥ 1MΩ	0 ~ 1 mA	≤ 10KΩ
-10 ~ 0 ~ +10 V	≥ 1MΩ	0 ~ 10 mA	≤ 1KΩ
0 ~ 150 V	≥ 1MΩ	0 ~ 20 mA	≤ 500Ω
0 ~ 300 V	≥ 1MΩ	4 ~ 20 mA	≤ 500Ω
0 ~ 600 V	≥ 1MΩ		
0 ~ 100μA	≤ 1000Ω		
0 ~ 1 mA	≤ 100Ω		
0 ~ 10 mA	≤ 250Ω		
0 ~ 20 mA	≤ 250Ω		
4 ~ 20 mA	≤ 250Ω		
0 ~ 1 A	≤ 0.05Ω		
0 ~ 5 A	≤ 0.02Ω		

Accuracy: ±0.1% of F.S.
Response time: ≤ 250 mS
Span adjustment:: ≤ 10% of F.S.
Zero adjustment:: ≤ 5% of F.S.
AC frequency input range: 45~65Hz
Output ripple: ≤ 0.1% of F.S.
Power Supply: AC 115 or 230V ±10%, 50/60 Hz

Excitation supply: DC 10V/24V, 40mA
Power consumption: DC 5W, AC 6.5VA

Operating temperature: 0~60 °C
Operating relative humidity: 20~95 %RH, non-condensing
Temperature coefficient: ≤ 100 PPM/°C
Storage temperature: -10~70 °C

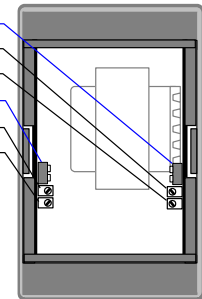
Insulation resistance: ≥ 100MΩ @500Vdc
Surge test: 4 KV, 1.2 x 50 μ S

Dielectric Strength: AC 2KV, 50/60Hz, 1 min.
 Between Power / Input / Output / Case

Dimensions: 51mm(W) x 122.5(H) x 84.5(D) -with socket
Mounting: Surface and DIN rail 35mm WIDE
Weight: 600g

ADJUSTMENT

- 1 Dip Switch: Programming for O/P 1 - 6 Ranges selectable
- 2 O/P 1 Span Adjust Pot (Clockwise: o/p1 increase)
- 3 O/P 1 Zero Adjust Pot (Clockwise: o/p1 increase)
- 4 Dip Switch: Programming for O/P 2 - 6 Ranges selectable
- 5 O/P 2 Span Adjust Pot (Clockwise: o/p2 increase)
- 6 O/P 2 Zero Adjust Pot (Clockwise: o/p2 increase)



Programming for input (on input module)

INPUT V / mA : (CODE: P1)				
SIGNAL RANGE	DIP-SWITCH (INPUT)			
	SW1	SW2	SW3	SW4
0 ~ 5 V				on
1 ~ 5 V	on			on
0 ~ 10 V		on		
2 ~ 10 V	on	on		
0 ~ 20 mA				on
4 ~ 20 mA	on			on

INPUT mV : (CODE: P2)				
SIGNAL RANGE	DIP-SWITCH (INPUT)			
	SW1	SW2	SW3	SW4
0 ~ 50 mV	on			
0 ~ 60 mV	on	on		
0 ~ 75 mV			on	
0 ~ 100 mV		on		on
0 ~ 150 mV		on	on	
0 ~ 200 mV	on	on	on	

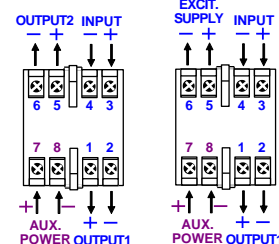
Programming for output

OUTPUT V / mA : (CODE: P)					
SIGNAL RANGE	DIP-SWITCH (OUTPUT)				
	SW1	SW2	SW3	SW4	SW5
0 ~ 5 V	on	on	on	on	
1 ~ 5 V	on	on	on	on	
0 ~ 10 V					on
2 ~ 10 V	on		on	on	
0 ~ 20 mA					on
4 ~ 20 mA	on				on

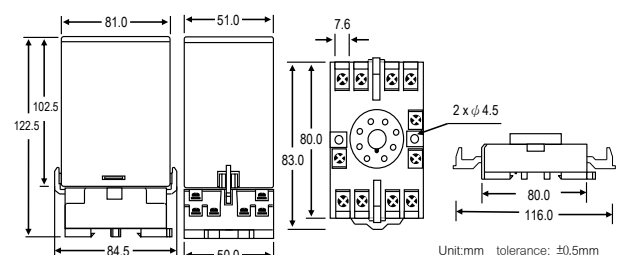
CONNECTION DIAGRAM

MT-VI2 WITH 2 Analogue Output **MT-VI2 WITH 1 Analogue Output 1 Excit. Supply**

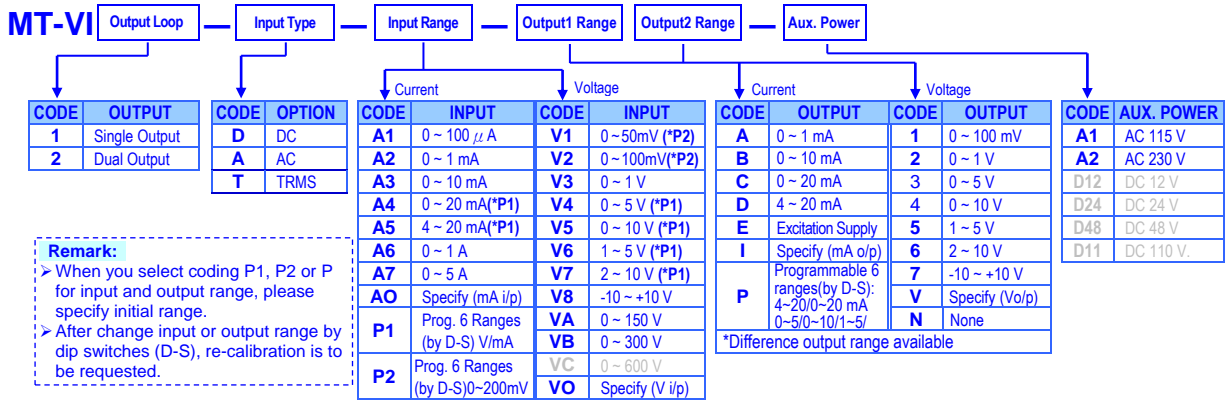
DO NOT UNPLUG IF LIVE



DIMENSIONS



■ ORDERING INFORMATION



MT-VI

