

AC Input Transmitters

Compact Plug-in Design



M2AC AC input, Single output
W2AC AC input, Two isolated outputs

- True RMS sensing
- Two independent ranges can be specified with the signal splitter.

M2TG Tachogenerator input, Single output
W2TG Tachogenerator input, Two isolated outputs

- Tachometer input
- Two independent ranges can be specified with the signal splitter.



M2PE/M2PA PT (VT) input, Single output
W2PE/W2PA PT (VT) input, Two isolated outputs
M2CE/M2CA CT input, Single output
W2CE/W2CA CT input, Two isolated outputs

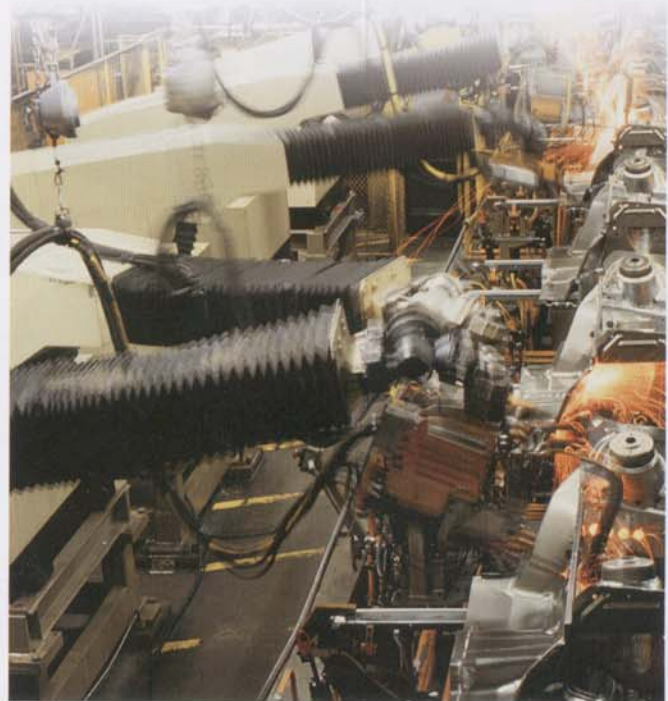
- True RMS or average sensing
- Two independent ranges can be specified with the signal splitter.

Low-profile, Low Cost Type



M5PT PT (VT) input
M5CT CT input

- 41 mm (1.6") deep
- True RMS sensing



SPECIFICATIONS

Series	M2 / W2 Series				M5 Series	
Single output model	M2AC	M2TG	M2PE / M2PA	M2CE / M2CA	M5PT	M5CT
Dual output model	W2AC	W2TG	W2PE / W2PA	W2CE / W2CA		
Input	Specific range of 0-250 V or 0-1 A	Specific range of 0-250 V	0-110 Vac 0-150 Vac	0-1 Aac 0-5 Aac	0-110, 0-220 Vac 0-150 Vac	0-1 Aac 0-5 Aac
DC current output	Specific range of 0-20 mA; Minimum span 1mA; e.g. 4-20 mA				Specific range of 0-20 mA; Min. 1mA span e.g. 4-20 mA	
Load resistance	≤750Ω at 4-20 mA (≤350Ω at 4-20 mA for Output 2)				≤550Ω at 4-20 mA	
DC voltage output (Specific range of)	-10 to +12 V (+10V for Output 2) e.g. 1-5 V, 0-10 V		0-12 V (10V for Output 2) e.g. 1-5 V, 0-10 V		0-10 V; Min. 1V span e.g. 1-5 V, 0-10 V	
Load resistance	≥5kΩ at 1-5 V				≥500Ω at 1-5 V	
Power input	24 Vdc or 100-240 Vac				24 Vdc or 100-240 Vac	
Accuracy	±0.4%	±0.4%	±0.4%	±0.3%	±0.3%	
Response time (0-90%)	≤0.7 sec.	≤0.7 sec.	≤0.5 sec.	≤0.5 sec.	≤0.5 sec.	
Operating temperature	-5 to +55°C (23 to 131°F)					
Insulation resistance	≥100MΩ with 500 Vdc					
Dielectric strength	2000 Vac @1 minute (input to output to power to ground)				2000 Vac @1 minute (DC powered) 1500 Vac @1 minute (AC powered)	
CE marking	Yes				Yes (24 Vdc powered)	
Safety approval	UL & C-UL nonincendive				----	