

Panel Meters

(Indicator)

M5W Series



Features

- Max. display value: 19999
- Linear display based on input specification
- Display output values (0 - 10 VDC $\overline{=}$) from power converters (options available for DC 4 - 20 mA, 1 - 5 VDC $\overline{=}$)
- RMS or AVG value selection (AC voltage)
- 7-segment LED display
- DIN standard size models

Specifications

Input type	DC voltage	DC current	Power	Rotation, speed	Scaling
Max. allowable input	≤ 300 VDC $\overline{=}$	\leq DC 2 A	≤ 10 VDC $\overline{=}$	≤ 10 VDC $\overline{=}$	DC 4 - 20 mA
	≈ 150 % F.S. for each measured input range				
Display method	7-segment (red) LED (character height: 14 mm)				
Display accuracy	± 0.2 % F.S. rdg ± 1 -digit				
Display scale	19999				
Sampling time	2.5 times / sec				
Response speed	≈ 2 sec (0 to 19999)				
Sampling cycle	300 ms				
Operation method	Dual integral method				
Unit weight	≈ 172 g				
Approval	EAC				

Power supply ⁰¹⁾	100 - 240 VAC \sim ± 10 % 50 / 60 Hz
Power consumption	2 W
Insulation resistance	≥ 100 M Ω (500 VDC $\overline{=}$ megger)
Dielectric strength	2,000 VAC \sim 50 / 60 Hz for 1 min
Noise immunity	± 1 the square wave noise (pulse width: 1 μ s) by the noise simulator
Vibration	0.75 mm double amplitude at frequency of 10 to 55 Hz (for 1 minute) in each X, Y, Z direction for 1 hours
Vibration (malfunction)	0.5 mm double amplitude at frequency of 10 to 55 Hz (for 1 minute) in each X, Y, Z direction for 10 min
Shock	300 m/s ² (≈ 30 G) in each X, Y, Z direction for 3 times
Shock (malfunction)	100 m/s ² (≈ 10 G) in each X, Y, Z direction for 3 times
Ambient temperature	0 to 50 °C, storage: -25 to 65 °C (no freezing or condensation)
Ambient humidity	35 to 85 %RH, storage: 35 to 85 %RH (no freezing or condensation)

01) Power supply 24 - 70 VDC $\overline{=}$ option is also available to order.

View product detail



Voltmeter



Scaling



Ammeter



Wattmeter



Tachometer /
Speed Meter