

Digital Panel Meter

DIN W96×H48mm, Digital Panel Meter For Displaying Power Factor

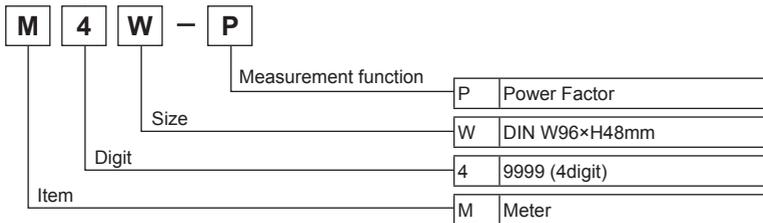
■ Features

- Display indicator of power factor
- Input: DC4-20mA (Output specification of power factor transducer)
- Display: -0.50 to 1.00 to +0.50

⚠ Please read "Caution for your safety" in operation manual before using.



■ Ordering Information

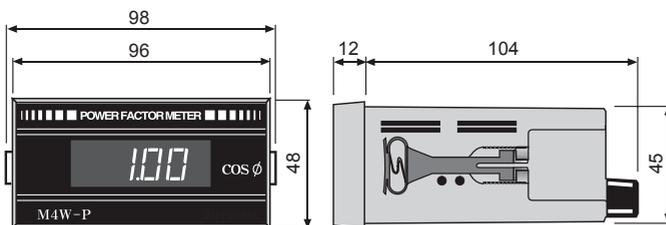


■ Specifications

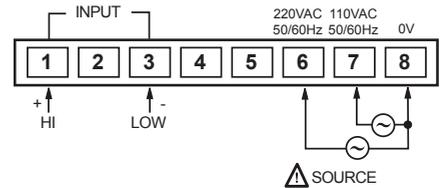
Model	M4W-P	
Measurement function	Power factor	
Input	DC4-20mA	
Display	-0.50 to 1.00 to +0.50 cos ϕ	
Power supply	110/220VAC 50/60Hz	
Allowable voltage range	90 to 110% of rated voltage	
Power consumption	4VA	
Display method	7 Segment LED display	
Character height	14mm	
Display accuracy	F.S: $\pm 3\%$ rdg ± 1 digit	
Sampling period	300ms	
Response speed	2sec. (0 to Max.)	
Point display	Fixed point	
Insulation resistance	Min. 100M Ω (at 500VDC megger)	
Dielectric strength	2000VAC 50/60Hz for 1 minute	
Noise strength	± 1 kV the square wave noise (pulse width: 1 μ s) by the noise simulator	
Vibration	Mechanical	0.75mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each X, Y, Z direction for 1 hour
	Malfunction	0.5mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each X, Y, Z direction for 10 min.
Shock	Mechanical	300m/s ² (approx. 30G) in each X, Y, Z direction for 3 times
	Malfunction	100m/s ² (approx. 10G) in each X, Y, Z direction for 3 times
Environ-ment	Ambient temperature	-10 to 50°C, storage: -25 to 60°C
	Ambient humidity	35 to 85%RH, storage: 35 to 85%RH
Unit weight	Approx. 317g	

※Environment resistance is rated at no freezing or condensation.

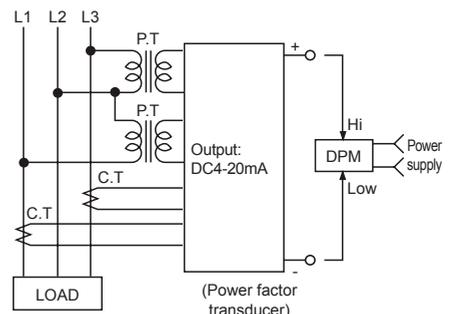
■ Dimension



■ Connections

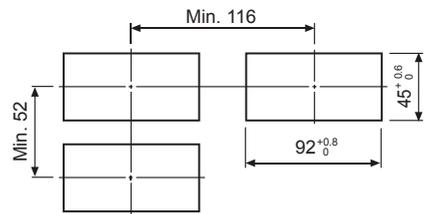


■ Application of connection



(unit: mm)

● Panel cut-out



- (A) Photoelectric Sensors
- (B) Fiber Optic Sensors
- (C) Door/Area Sensors
- (D) Proximity Sensors
- (E) Pressure Sensors
- (F) Rotary Encoders
- (G) Connectors/ Sockets
- (H) Temperature Controllers
- (I) SSRs / Power Controllers
- (J) Counters
- (K) Timers
- (L) Panel Meters
- (M) Tacho / Speed / Pulse Meters
- (N) Display Units
- (O) Sensor Controllers
- (P) Switching Mode Power Supplies
- (Q) Stepper Motors & Drivers & Controllers
- (R) Graphic/ Logic Panels
- (S) Field Network Devices
- (T) Software