





48 x 96mm

**Features:**

- 4 Digit, 7 segment LED
- 0.01 Resolution

Certifications:   PENDING

**Display Specifications**

Display	7 segment LED Display
Digits	4
Digit Height	0.56" (14.2mm)

**Input Specifications**

Electrical Connection	1Ø - 2 wire
Input Voltage Range	Self Powered
Measurement Range	45.00 - 65.00 Hz
Resolution	0.01
Accuracy	± 0.05 Hz
Over Range Indication	"Ovfr" (Over 65.00 Hz)
Under Range Indication	"Ur" (Under 45.00 Hz)

**Auxiliary Supply Specifications**

Auxiliary Supply	110V AC ±20%, (45 - 65Hz) 240V AC ±20%, (45 - 65Hz)
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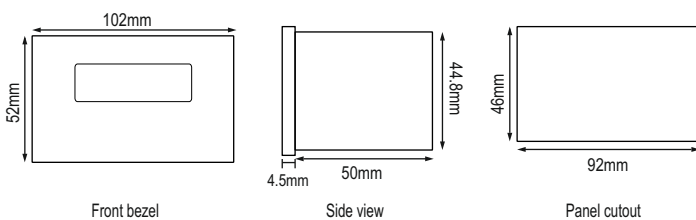
**Environmental Specifications**

Temperature	Operating: -10 to 55°C (32 to 122°F) Storage: -20 to 75°C (32 to 158°F)
Humidity (non-condensing)	Upto 95% RH



**Mechanical Specifications**

Mounting	Panel mount
Weight	170 g (0.374 lbs)

**Dimensions**





**Terminal Connections**

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N	L			
1	2			
 Cable Size (AWG): 13 ; Stud Hole for Lug (inch): 0.137 ; Tightening Torque (Lb-inch): 4.5				
 Cable Size (mm <sup>2</sup> ): 2.5 ; Stud Hole for Lug (mm): 3.5 ; Tightening Torque (N-m): 0.5				

**Compliance**

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Level IV (Air discharge : 15kV), (Contact Discharge : -8kV)
Surge Immunity	IEC 61000-4-5	+/- 2kV common mode, (Line to ground) +/- 1kV differential mode, (Line to Line)
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz (10V/m) Level II, 1.4GHz to 2GHz (3V/m) Level I, 2GHz to 2.7GHz (1V/m)
Conducted Susceptibility	IEC 61000-4-6	Level II (3V/m)
Voltage Dips and Interruptions	IEC 61000-4-11	<b>Dips</b> : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria A) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) <b>Interruptions</b> : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
Conducted Emission	CISPR-11	
Radiated Emission	CISPR-11	
Electrical Fast Transient	IEC 61000-4-4	Level III (2kV)

**Ordering Information**

Product Code	Supply Voltage		Certification	
	110V AC	240V AC		
MF16		■		
MF16-CU		■	■	■
MF16-110V	■			
MF16-110V-CU	■		■	■