



MF16 Frequency Meter

Digital Multifunction Meter



4 Digit, 7 segment LED

0.01 Resolution

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): 2.5 ; Stud Hole for Lug (mm): 3.5 ; Tightening Torque (N-m): 0.5					

Specifications

Display Specifications

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

Input Specifications

Electrical Connection 1Ø - 2 wire
 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

240V AC ±20%, (45 / 65Hz)
 110V AC ±20%, (45 / 65Hz)

Environmental Specifications

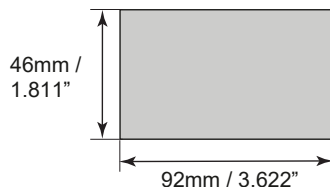
Temperature Operating: -10 to 55C (32 to 122F)
 Temperature Storage: -20 to 75C (32 to 158F)
 Humidity (non-condensing) Up to 95% RH

Mechanical Specifications

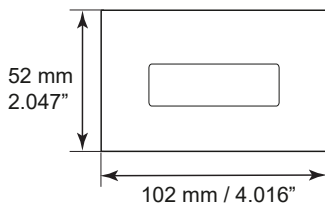
Mounting Panel mount
 Weight 170 g (0.374 lbs)

Dimensions

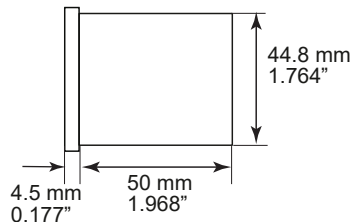
Panel cutout



Front bezel



Side view



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	Dips : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions : 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	
	110VAC	240VAC	CE	cULus
MF16		■		
MF16-CU		■	■	■
MF16-110V	■			
MF16-110V-CU	■	■	■	■

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