



96 x 96mm

**Features:**

- 4 Digit, 7 segment LED
- 0.01 Resolution

Certifications: **CE**

**Display Specifications**

Display	7 segment LED Display
Digit	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	240V AC ± 20%, (45 - 65Hz) 110V AC ± 20%, (45 - 65Hz)
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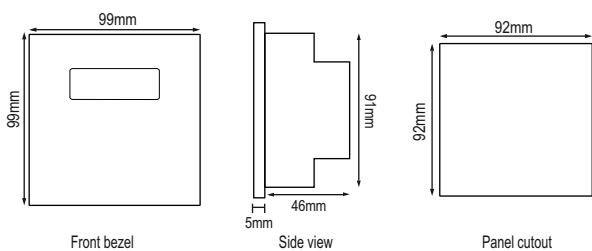
**Environmental Specifications**

Temperature	Operating: -10 to 55°C (32 to 122°F) Storage: -20 to 70°C (32 to 158°F)
Humidity (non-condensing)	Upto 95% RH

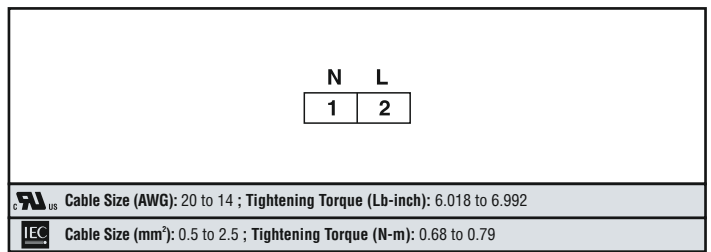
**Mechanical Specifications**

Mounting	Panel mount
Weight	180 gms

**Dimensions**



**Terminal Connections**



**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 C) 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
MF316	240V AC	CE