

# CURRENT TRANSFORMERS

## AC CURRENT MICRO CLAMP

MODELS M1, M2

### SPECIFICATIONS

Accuracy Class.....1%  
 Operating Voltage.....M1 640 Volts Max.  
 M2 650 Volts Max.  
 Isolation Test.....4kV - 1 Minute  
 Current Rating.....Full Scale - Continuous  
 100% Over Range - 3 Minutes  
 Temperature.....-10°C to +50°C  
 Cable Size.....0.59"  
 Dimensions..... M1.....3.8" x 1.69" x 0.9"  
 M2.....4.5" x 1.69" x 0.9"  
 Weight..... M1.....0.25 Lb.  
 M2.....0.37 Lb.  
 Output Terminals.....4mm Safety Terminals  
 Color  
 Current Output. M1.....Gray  
 Voltage Output. M1.....Blue  
 M2.....Blue  
 Special Cables and Connectors are Available.

### FEATURES

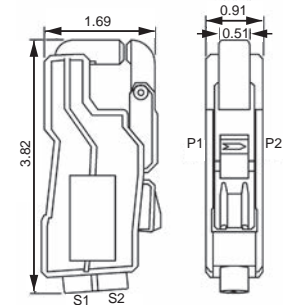
- Meets IEC Standard 348 Class II



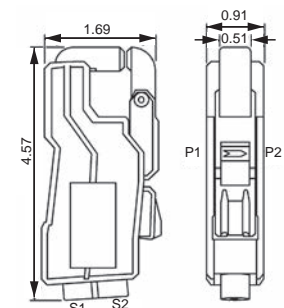
600V CLASS

M1 APPLICATION AND ORDERING DATA							
CATALOG NUMBER	CURRENT RANGE	OUTPUT	MAX CURRENT	LOAD (Ω)	PHASE (Deg.)	FREQUENCY RANGE (Hz)	
						FOR 3%	FOR -3db
AC MICRO CLAMPS WITH AC VOLTAGE OUTPUT							
M1V-1-1	5mA to 1Aac	1Vac	10A	>300K	4.0	40 to 2,000	30 to 40,000
M1V-5-1	20mA to 5Aac	1Vac	50A	>100K	3.0	40 to 2,000	30 to 40,000
M1V-5-2	20mA to 5Aac	2Vac	25A	>150K	3.5	40 to 2,000	30 to 40,000
M1V-10-1	50mA to 10Aac	1Vac	100A	>30K	2.5	40 to 2,000	30 to 40,000
M1V-10-2	25mA to 10Aac	2Vac	50A	>100K	3.0	40 to 2,000	30 to 40,000
M1V-10-5	10mA to 10Aac	5Vac	200A	>200K	2.0	40 to 2,000	30 to 40,000
M1V-20-1	100mA to 20Aac	1Vac	100A	>10K	2.0	40 to 2,000	30 to 40,000
M1V-20-2	50mA to 20Aac	2Vac	100A	>30K	2.5	40 to 2,000	30 to 40,000
M1V-20-5	20mA to 20Aac	5Vac	40A	>150K	3.0	40 to 2,000	30 to 40,000
M1V-50-1	200mA to 50Aac	1Vac	200A	>5K	1.5	40 to 2,000	30 to 40,000
M1V-50-2	100mA to 50Aac	2Vac	200A	>10K	2.0	40 to 2,000	30 to 40,000
M1V-50-5	50mA to 50Aac	5Vac	100A	>30K	2.5	40 to 2,000	30 to 40,000
M1V-100-1	50mA to 100Aac	1Vac	200A	>50K	3.0	40 to 2,000	30 to 40,000
M1V-100-5	50mA to 100Aac	5Vac	150A	>50K	3.0	40 to 2,000	30 to 40,000
M1V-200-1	100mA to 200Aac	1Vac	300A	>50K	3.0	40 to 2,000	30 to 40,000
M1V-200-2	100mA to 200Aac	2Vac	300A	>100K	3.0	40 to 2,000	30 to 40,000
M1V-200-5	100mA to 200Aac	5Vac	300A	>200K	3.0	40 to 2,000	30 to 40,000
AC MICRO CLAMPS WITH AC CURRENT OUTPUT							
M1-100-1	50mA to 100Aac	1Aac	200A	0.1 to 0.5	1.5 to 2.5	40 to 2,000	30 to 40,000
M1-200-0.1	100mA to 200Aac	0.1Aac	300A	0.1 to 10	1.5 to 2.5	40 to 2,000	30 to 40,000
M1-200-0.2	100mA to 200Aac	0.2Aac	300A	0.1 to 5.0	1.5 to 2.5	40 to 2,000	30 to 40,000
M1-200-1	100mA to 200Aac	1Aac	300A	0.1 to 0.5	1.5 to 2.5	40 to 2,000	30 to 40,000
M2 APPLICATION AND ORDERING DATA							
CATALOG NUMBER	CURRENT RANGE	OUTPUT	MAX CURRENT	LOAD (Ω)	PHASE (Deg.)	FREQUENCY RANGE (Hz)	
						FOR 3%	FOR -3db
AC MICRO CLAMPS WITH DC VOLTAGE OUTPUT							
M2V-25-1DC	0.5 to 25Aac	1Vdc	50Aac	>50K	N/A	40 to 2,000	30 to 40,000
M2V-100-1DC	5 to 100Aac	1Vdc	200Aac	>20K	N/A	40 to 2,000	30 to 40,000
M2V-200-1DC	10 to 200Aac	1Vdc	200Aac	>20K	N/A	40 to 2,000	30 to 40,000
M2V-200-2DC	10 to 200Aac	2Vdc	300Aac	>10K	N/A	40 to 2,000	30 to 40,000
TRIPLE-RANGE AC MICRO CLAMP WITH AC VOLTAGE OUTPUT							
M2V-3-200-1	50-100-200Aac	1Vac	300Aac	>10K	3.0	40 to 2,000	30 to 40,000

### DIMENSIONS



Model M1



Model M2

All Dimensions In Inches

**FLEX-CORE®**

Div. Morlan & Associates, Inc.

4970 Scioto Darby Rd. Hilliard, Ohio 43026

[WWW.FLEX-CORE.COM](http://WWW.FLEX-CORE.COM)

sales@flex-core.com

PHONE (614) 889-6152

TECH. ASSISTANCE (614) 876-8308

FAX # (614) 876-8538