

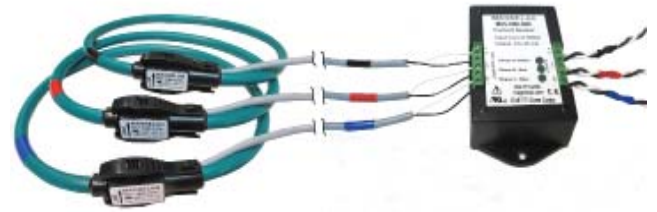
## Three-Phase 4-20 mA True-RMS AC Current Transducer MGS-1800

### Description:

The MGS Series integrator and 4 to 20 mA Transducer (signal conditioner) converts the RopeCT (Rogowski Coil) input voltage to 4 - 20 mA DC output. The transducer requires a DC loop power supply which operates from 8 to 35 Vdc. The transducer is available with screw terminals for ease of installation.

### Features:

- True RMS measurement. Ideal for distorted Waveforms
- Self powered from 4 - 20 mA Loop
- LEDs on each phase indicate when unit is connected to suitable power
- Input: 250 to 5,000 Amp (or custom amperage)
- Accuracy  $\pm 1\%$



- Temperature: UL Rated Ambient: 131°F (55°C)  
Operating: 32°F (0°C) to 158°F (70°C)  
Storage: -4°F (-20°C) to 176°F (80°C)
- 8 ft. Insulated leads (from RopeCT® to integrator)
- 8 ft. Output leads twisted pair (600V), 22 AWG Three sets
- Maximum Voltage: 600 V (on bare conductor)
- UL Recognized, CE and RoHS compliant

PART NUMBER AND RATING	
MGS-1800-0250	250 Amp
MGS-1800-0400	400 Amp
MGS-1800-0500	500 Amp
MGS-1800-0800	800 Amp
MGS-1800-1000	1000 Amp
MGS-1800-1500	1500 Amp
MGS-1800-2000	2000 Amp
MGS-1800-2500	2500 Amp
MGS-1800-3000	3000 Amp
MGS-1800-4000	4000 Amp
MGS-1800-5000	5000 Amp

DIMENSION	INCH	MM
A	3.95	100.33
B	3.50	88.90
C	1.15	29.21
D	2.50	63.50
E	0.190 dia.	4.83

