

**AYA-FLEX Current Probes**

**FCA-R-Series**

**WITH A BUILT-IN AMPLIFIER**

The FCA-R Probes are Rogowski-type flexible current sensors that measure AC currents up to 20,000 Amperes. They are designed for electrical installations where conductors are closely located and are hard to reach. The probes include an integrated Amplifier that is powered by an external voltage of 9 to 12 Volts DC.

**SPECIFICATIONS**

<b>CURRENT RANGES:</b>	200, 2000, 20000 Amperes
<b>FREQUENCY RANGE:</b>	20 to 10,000 Hz
<b>ACCURACY CLASS:</b>	+/- 1% (45-65 Hz)
<b>LINEARITY:</b>	+/- 0.2% (45-65 Hz)
<b>OUTPUT:</b>	0 to 2 Volts AC
<b>SENSOR LENGTH:</b>	18", 30" and 48"
<b>SENSOR WEIGHT:</b>	0.8, 1.0 and 1.4 Lb. ,
<b>SENSOR ISOLATION:</b>	Double Insulation EN 61010 601 V CAT III, Pollution 2
<b>SENSOR PROTECTION:</b>	IP65
<b>AMPLIFIER POWER:</b>	9 to 12 VDC External Power Needed
<b>OUTPUT CABLE:</b>	40"(1 Meter) 79" (2 Meters Optional)
<b>Storage Temperature:</b>	-40 to + 85 Deg. C
<b>Operating Temperature:</b>	-20 to + 85 Deg. C at 15% to 85% RH, Non Condensing



**SPECIAL CURRENT RANGES AVAILABLE**  
**SPECIAL CABLES AND CONNECTORS ARE AVAILABLE**  
Specifications subject to change without notice.

Probe Selection Chart		
MODEL	SENSING CABLE LENGTH	CURRENT RANGE
FCA-R-20K-18 FCA-R-20K-30 FCA-R-20K-48	18" (45 cm) 30" (80 cm) 48" (120 cm)	200/2000/20000 AAC
FCA-R-10K-18 FCA-R-10K-30 FCA-R-10K-48	18" (45 cm) 30" (80 cm) 48" (120 cm)	100/1000/10000 AAC
FCA-R-6K-18 FCA-R-6K-30 FCA-R-6K-48	18" (45 cm) 30" (80 cm) 48" (120 cm)	60/600/6000 AAC