

Flexible Core AC Current Transducer

Exclusively for E5xxxA Power and Energy Meters (sold separately)



U018 Series

**NO EXTERNAL
POWER SUPPLY
OR INTEGRATOR
NEEDED**

DESCRIPTION

The U018 flexible rope style CTs measure AC current up to 5000 Amps. The coil opens at the connector junction for fast and easy installation onto an existing cable or buss-bar. The flexible core makes it easy to fit in tight enclosures.

The U018 series works exclusively with the E5xxxA power and energy meters. These meters have a built in power supply and integrator, so CT connection is fast and simple.

APPLICATIONS

- Data logging
- Recording
- Power monitoring
- Energy management
- Alternative energy monitoring
- Cost allocation

FEATURES

- Compatible only with E5xxxA power and energy meters with built in power supply and integrator for fast CT connection...see the E5xxxA datasheet
- Maximum flexibility...fits difficult spaces
- Phase angle <0.5 degrees, measured at 50% rated current...enhanced accuracy
- 4 ft. insulated leads...easy installation
- UL Recognized
- Each CT measures 20A to 5000A...wide range

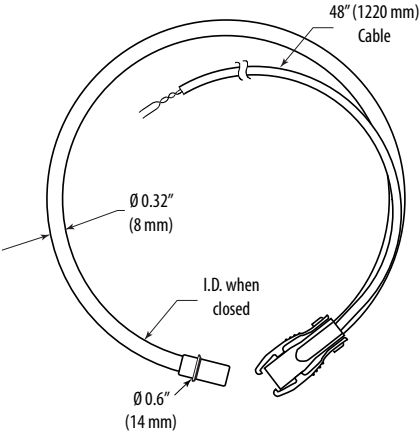
**EACH CT
MEASURES
20A TO 5000A!**

SPECIFICATIONS



<i>Inputs:</i>	
Frequency Range	50 Hz to 1.5 kHz
Leads	4 ft. (1.2 m)
<i>Accuracy:</i>	
Accuracy	±1% from 20A to 5000A
<i>Output:</i>	
Output	for use with E5xxxA meters only
<i>Mechanical:</i>	
Insulation	up to 600VAC
<i>Environmental:</i>	
Operating Temperature Range	-15° to 65°C (5° to 149°F)
Storage Temperature Range	-45° to 80°C (-49° to 176°F)
Agency Approvals	cURus, CE, RoHS

DIMENSIONAL DRAWING



Length	Approx. Inside Diameter With Closed Connector
12" (305 mm)	Ø 3.85" (98 mm)
18" (458 mm)	Ø 5.75" (147 mm)
24" (610 mm)	Ø 7.65" (195 mm)
36" (915 mm)	Ø 11.50" (293 mm)

ORDERING INFORMATION



MODEL	DESCRIPTION
U018-0001	CT, Rope, 12 in, up to 5000A
U018-0002	CT, Rope, 18 in, up to 5000A
U018-0003	CT, Rope, 24 in, up to 5000A
U018-0004	CT, Rope, 36 in, up to 5000A

These CTs are only compatible with the E5xxxA Series meters. See the E5xxxA datasheet for ordering information.