

Flexible Core AC Current Transducer

U018 Series

**No EXTERNAL
POWER SUPPLY OR
INTEGRATOR NEEDED –
ALL CONTAINED
IN METER**



U018 Series

**Each CT
measures
20A to
5000A!**

SPECIFICATIONS



Agency Approvals	cURus, ANSI/IEEE 57.13, CE, RoHS
INPUTS	
Frequency Range	50 Hz to 1.5 kHz
Leads	4 ft. (1.2 m)
ACCURACY	
Accuracy	±1% from 20A to 5000A
OUTPUT	
Output	for use with E5xxxA meters only
MECHANICAL	
Insulation	up to 600VAC
ENVIRONMENTAL	
Installation Category III	Pollution Degree 2
Operating Temp Range	-15° to 65°C (5° to 149°F)
Storage Temp Range	-45° to 80°C (-49° to 176°F)

Exclusively for E5xxxA Power and Energy Meters (sold separately)

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

DESCRIPTION

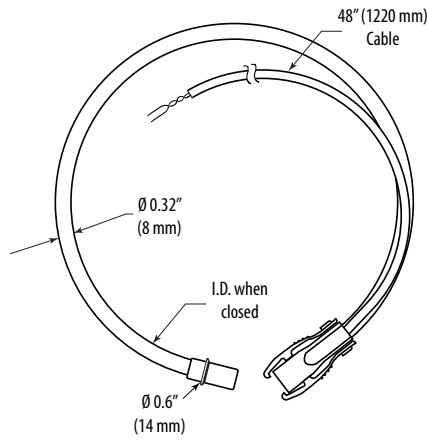
The **U018** flexible rope style CTs measure AC current up to 5000 Amps. The coil opens at the connector junction for fast and easy installation onto an existing cable or buss-bar. The flexible core makes it easy to fit in tight enclosures.

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

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.