

# TA20FL Through core type precision current transformer **YHDC**® 1992

## Characteristics:

Epoxy resin encapsulated, Nanocrystalline core, mini outline size, fully enclosed. Electrical load remote monitoring, as the input signal of electric control system, lack of phase indicating, electrical energy measuring, motor monitoring.

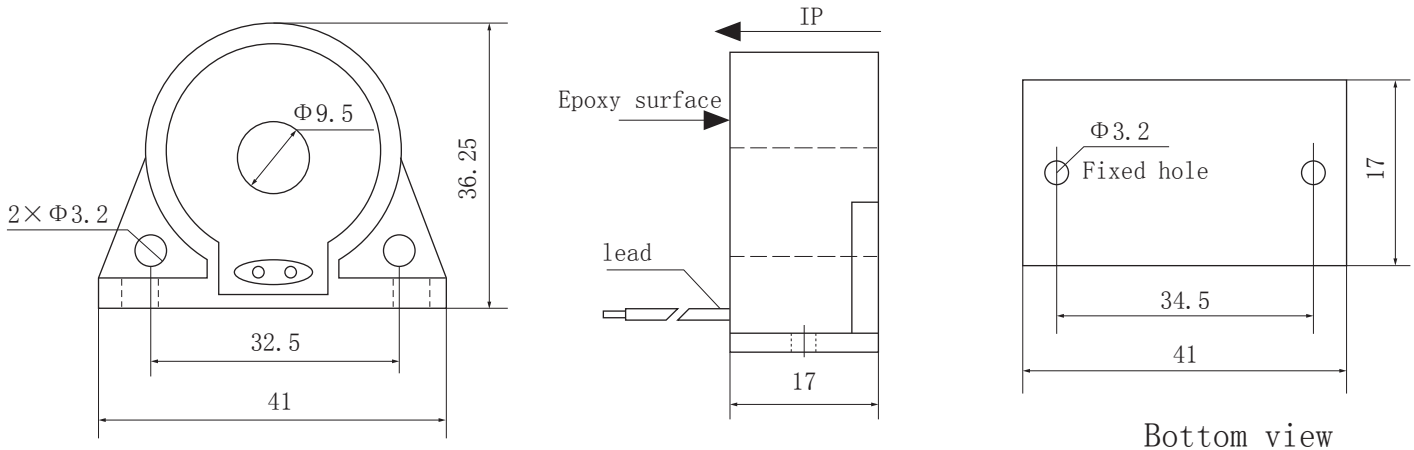
## Technical index:

Mounting type: suspension  
 Material of the core: Nanocrystalline  
 Flame resistance: UL94-V0  
 Execution standard: GB20840-2014  
 Operating temperature: -20°C~+70°C  
 Storage temperature: -30°C~+80°C  
 Frequency range: 20Hz-20KHz  
 Dielectric strength:  $\geq 3.5KV$  50Hz 1min

**Electrical parameters:** ( The following parameters are typical values and actual values will be subject to product testing )

Model	TA20FL-100	TA20FL-150	TA20FL-200	Unit
Rated input	20	30	40	A
Rated output	20	20	20	mA
Turns ratio	1: 1000	1: 1500	1: 2000	
Linearity	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	%
Sampling resistance	400	500	600	$\Omega$
Weight	43	43	43	g

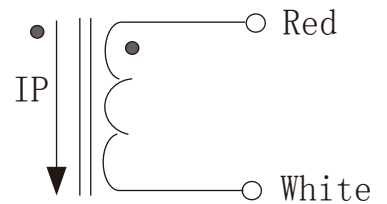
## Dimensions ( in mm $\pm 0.5$ ) :



Product picture : (the printed words are for reference only, subject to the actual product)



## Schematic diagram:



current output type.  
 the secondary is not allowed to open.

## Specifications of lead wire/color/length:

Specifications of lead wire:  $0.35mm^2$  Red and white  
 high temperature wire

color of lead wire: Red, White

length of lead wire: 17cm (17~18cm)