

a 2006 0094

The invention relates to the electrical measuring engineering, namely to the current inductance pickups that may be used in the single-phase and polyphase electricity meters.

The current inductance pickup, according to the first variant, comprises a body, a primary winding, including two coils, and placed coaxially to the primary winding a secondary winding, also including two coils. Novelty of the invention consists in that the coils of the primary winding are placed outside the body and the coils of the secondary winding are placed inside the body. The pickup additionally comprises a screen, made of current-conducting material and placed inside the body, above the secondary winding. The leads of the secondary winding coils, covered with a braided screen, are placed into a tubular envelope, at the same time the braid is connected to the screen.

Novelty of the invention, according to the second variant, consists in that the secondary winding is made in the form of at least one circuit plate and is placed inside the body, at the same time the inner part of the pickup is encapsulated in a compound.

Claims: 8

Fig.: 6