GLVAN

GLT310 Smart Temperature Sensor Instructions for Installation

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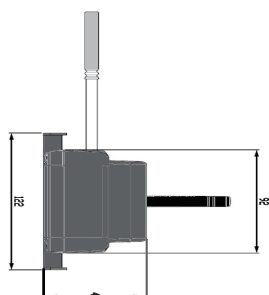Address: Room 405, Building 19, No. 188, Xin jun huan Road, Puijang Town, Minhang District, Shangha

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Equipment and Tools Required for Installation

- GLT310 device;
- 3×304 Stainless Steel house clamp 118-140mm (diameter)as standard supplies for each GLT310, but clamps with other required diameters can be provided when necessary;
- Recommended slotted screwdriver (7.5mm) is electric-driven screwdriver.
- GPS software (Android system: AndroiTS, GPS, test; IOS system: its own Compass or Runtastic Altimeter);
- Smartphone for test purpose (the smartphone must have GPS function and can run software that locates coordinates in longitude and latitude;
- Installer must wear protective equipment that are accepted to owner;
- GLT310 installation location confirmed by the owner and installation-environment that complies with applicable regulations.
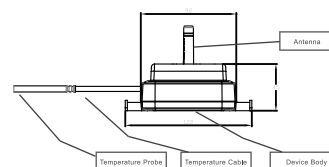
Installation Steps

1. Confirm installation environment is safe and protective equipment for the installer is in place.
2. Confirm the installation location of GLT310
3. Confirm the installation location of GLT310 temperature probe
4. Confirm location is under the coverage of NB-IoT (may use GLT310 whose reporting cycle is specially adjusted);
5. Install GLT310 by securing it into installation location with two hose clamps and try to have antenna upward vertically to the largest extent;
6. Secure temperature probe at the cable joint or where temperature measuring is required with the remaining hose clamps, the secured result is shown as below (Figure 1.0);
7. Record such GLT310 device's number (such as #43, meaning the 43rd device) and its GPS coordinates (e.g., North x xOxx.xxxx and East xxOxx.xxxx), and the name of object whose temperature is to be measured (e.g., the #6 middle joint at main cable of 10kV antenna);
8. Enter its GPS coordinates into backstage software;
9. Confirm if such GLT310 is within the system through backstage software;
10. If the GLT310 is displayed as normal in backstage system, then the installation is completed. Otherwise, repeat said operations about GPS and backstage software until functions are normally displayed in the system.
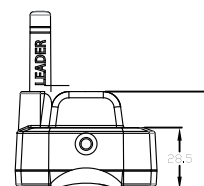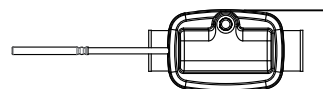

Figure 1.0

Dimensions

Front view：

Side view：

Top view：

Perspective view：