

The PTU200MIK1 offers easy installation of equipment at an outdoor site.



PTU200MIK1 Meteorological Installation Kit Easy Measurements on Site

The Vaisala PTU200MIK1 Meteorological Installation Kit is a high-quality mounting kit for outdoor use of PTU200 Barometric Pressure, Relative Humidity and Temperature Transmitter. It allows meteorological measurements to be made on site, e.g. next to a GPS antenna. The PTU200 Transmitter belongs to recommended equipment of the SuomiNet network, an international network of GPS receivers.



The Vaisala SPH10 and SPH20 Static Pressure Heads are designed to minimize the errors in barometric pressure measurement caused by variations in wind speed and direction.

The PTU200MIK1 Meteorological Installation Kit allows easy outdoor mounting and installation of the PTU200 Barometric Pressure, Relative Humidity and Temperature Transmitter. The kit consists of a protective transmitter box, support arm, a radiation shield, the SPH10 Static Pressure Head, pole attachment clamps, and a pressure hose. The kit can be attached to any pole with diameter of either 2" or 50 mm. The box offers IP65 (NEMA 4) protection for the transmitter. It is airtight and connected to the static pressure head with the pressure hose. The radiation shield pro-

protects the relative humidity and temperature probe of PTU200 and the SPH10 Static Pressure Head reduces the effect of wind on the pressure measurement.

Approved for SuomiNet

SuomiNet is an international network of GPS receivers, located primarily at universities. It generates near real-time estimates of precipitable water vapor in the atmosphere, total electron content in the ionosphere, and other meteorological and geodetic information. Each SuomiNet site has a dedicated meteorological measurement package (MET package)

which records temperature, barometric pressure and relative humidity.

One of the approved MET instruments for the meteorological observations is the Vaisala PTU200 Barometric Pressure, Relative Humidity and Temperature Transmitter. The PTU200 Transmitter uses the very stable, silicon-based BAROCAP® pressure sensors and requires calibration only infrequently. The PTU200 central unit can be installed indoors with its display and keypad, or outdoors with the optional PTU200MIK1 outdoor installation kit. ●