

## Instrumentation: Weather P-195

Instrumentation Design and Specification for Building Utilities – especially Weather Stations are important for accurate operation of BMS. P-Engineering can help our clients specify, installation supervision and commission the Weather Station and validate the correctness of data.

Weather Station with either

- Moving Parts
- Non-moving Parts

### Deliveries:

- Instrument Specification
- Measurement Range Definition
- Communication Protocol Definition – Modbus IP, Modbus RTU, or other protocols
- Optimal Placement Specification for correct measurement of especially
  - Wind Speed
  - Sun Flux

### Details:

P-Engineering recommends the Weather Stations with no moving parts internally or externally to improve operation liability and ease the Commissioning process.

P-Engineering supplies e.g., SAT and IQ/OQ protocols as well as DS3090 Commissioning Paradigms.

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*Example of an all-in-one weather station without any moving parts with Modbus RTU communication.*