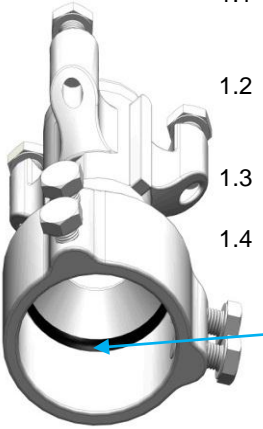


# Pipe Mount System



## Installation Instructions

### Preparation

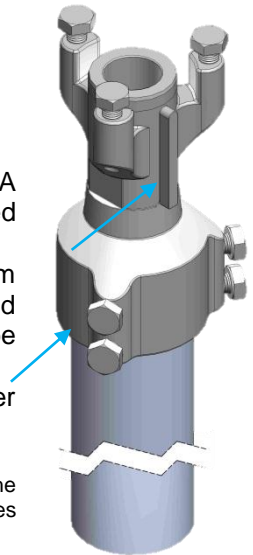


- 1.1 The adapter should be fitted onto a 1½ inch pipe (outer diameter up to 51mm). Ensure the top of the pipe is flat.
- 1.2 The pipe end is to be 172 mm below the desired measuring point; the mid-point of the sensor opening.
- 1.3 Run the sensor cable up through the pipe from the nacelle and secure it.
- 1.4 Sealing between the pipe and the adapter can be further improved by adding silicone sealant to the inner shoulder of the adaptor. Use either Dow Corning 790 Silicone Building or Pecora 864 Silicone Sealant.

### Adapter Installation

- 2.1 Run the cable through the adapter.
- 2.2 Place the adapter on top of the pipe. A bubble on an alignment tool can be used to ensure the installation is vertical.
- 2.3 Rotate the adapter so that the datum feature is aligned to the datum of the wind turbine<sup>1</sup>. A laser alignment tool can be used to ensure this.
- 2.4 Tighten the 4 M8 bolts to fix the adapter securely in position.

Note 1: The datum feature should point towards the rear of the nacelle, away from the turbine's blades and hub.



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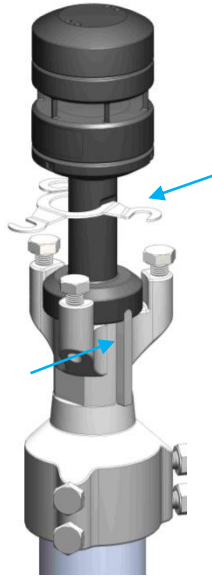


# Pipe Mount System

## Sensor Installation

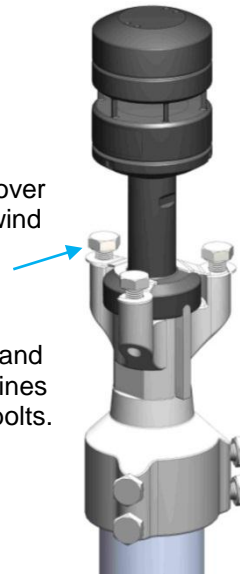
3.1  
Remove any connector protection caps and mate the cable and sensor connectors.

3.2  
Place the sensor on top of the adapter, orientated on the datum feature.



3.3  
Slide the bracket over the notch on the wind sensor.

3.4  
Slide the bracket down to the base and rotate it so that it lines up under the M8 bolts.



3.5  
Tighten the 3 M8 bolts to secure the sensor to the adapter preventing any movement.

