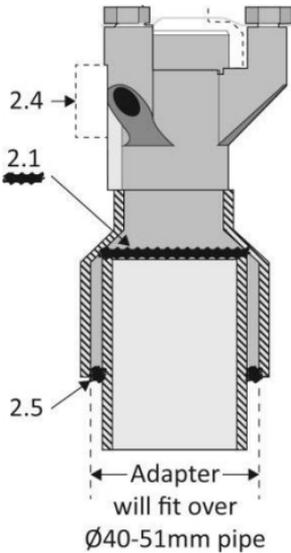


# Pipe Mount System

## Installation Instructions

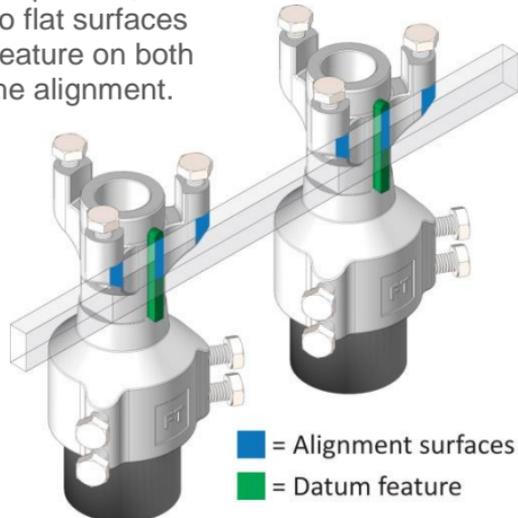


### Preparation

- 1.1 The adaptor should be fitted onto a pipe with an outer diameter of 40-51mm.
- 1.2 The pipe end is to be 172 mm below the desired measuring point; the mid-point of the sensor's measurement cavity.
- 1.3 Run the sensor cable up through the pipe and through the adaptor (which should not be fitted to the pipe yet) and secure it so that it cannot fall back down inside.

### Adaptor Installation

- 2.1 Apply a liberal amount of electrical joint compound to the top surface of the pipe.
- 2.2 Place the adaptor on top of the pipe. A spirit bubble can be used to ensure the installation is level.
- 2.3 Rotate the adaptor to align the datum feature as required. The datum feature should be at the back of the wind sensor, with respect to the wind direction. A laser alignment tool could be used to ensure accuracy of alignment.
- 2.4 For sensors being mounted in parallel, a flat bar can be placed across the two flat surfaces on either side of the datum feature on both adaptors, in order to verify the alignment.
- 2.5 If a gap exists between the side of the pipe and the bottom edge of the adaptor, sealing can be further improved by applying silicone sealant. Suitable sealants could be either Dow Corning 790 Silicone Building or Pecora 864 Silicone Sealant.

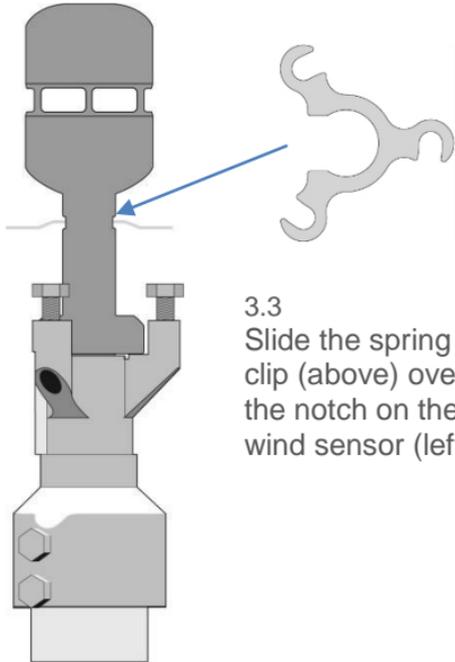


# Pipe Mount System

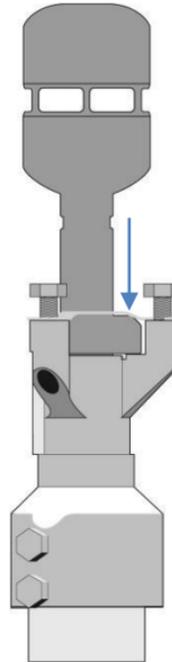
## Sensor Installation

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

3.2  
Place the sensor on top of the adaptor, orientated on the datum feature (right).



3.3  
Slide the spring clip (above) over the notch on the wind sensor (left).



3.4  
Slide the spring clip down to the base and rotate it so that it lines up under the M8 bolts (left).

3.5  
Tighten the 3 M8 bolts to secure the sensor to the adaptor preventing any movement (right).

