



# Installation Guide - Dew Point Sensor

Refer to User Manual for product specification and full instructions. [www.compressedairalliance.com/products](http://www.compressedairalliance.com/products)

**Warning!** Incorrect installation and wiring can damage the sensor or cause it to work incorrectly.

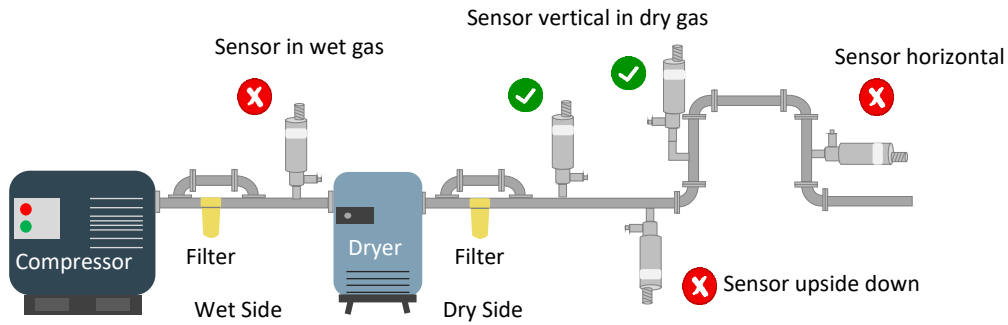
**Warning!** Compressed air is dangerous. Please use caution around compressed air

Contact Compressed Air Alliance if you are unsure about installing, wiring or setting up the sensors:

[sales@compressedairalliance.com](mailto:sales@compressedairalliance.com)

## 1 Find location for dew point sensor

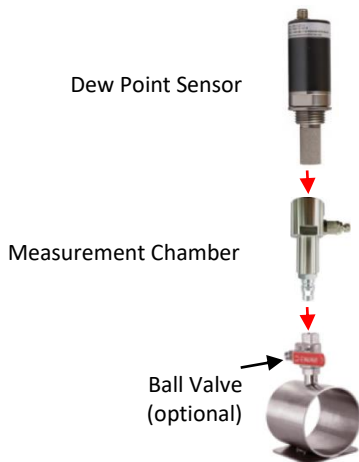
1. Sensor **must** be installed **vertically in dry gas**
2. If the dew point sensor needs to be installed outdoors, protect it from sun and rain
3. Do **not** use in explosive areas



## 2 Install sensor

To install the sensor, a ball valve, nozzle or a nipple is needed

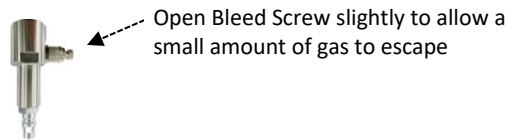
- The thread must be G1/2"



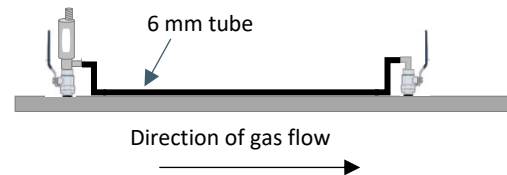
## 3 Set Gas Bleed

Bleed gas to air, or create a zero loss chamber

### Option 1 - Bleed to air



### Option 2 - Zero Loss Chamber



## 4 Electrical Connection

- The mini Dew Point Sensor has one 5 pin, M8 connector on top of the sensor

Connector		Cable Colour
Pin 1	RS845, Data + (A)	Brown
Pin 2	RS845, Data - (B)	White
Pin 3	4-20mA Output	Blue
Pin 4	+12-30 vDC	Black
Pin 5	0 vDC (Ground for Modbus)	Grey

