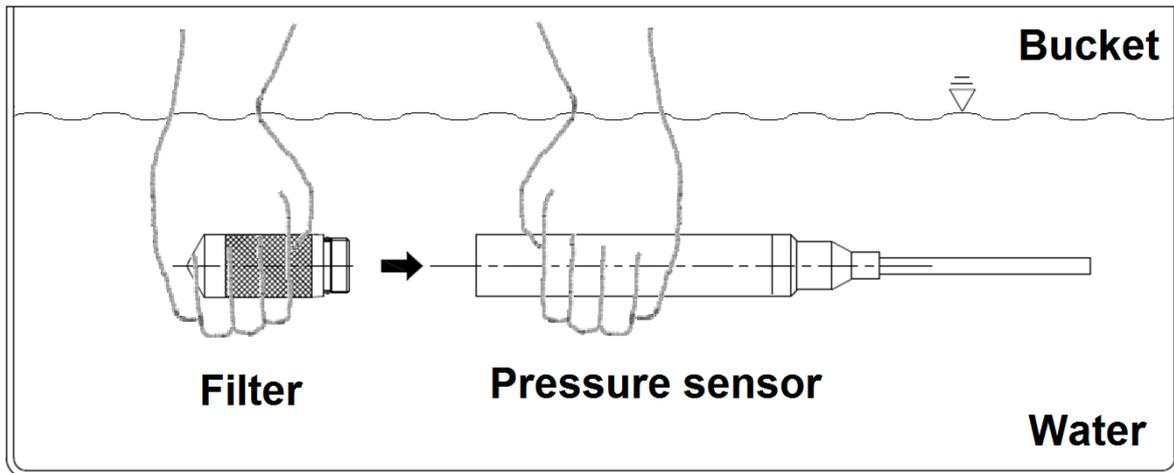


## **Ring type VW piezometer(Model 1545)' s immersion method**

Unlike the standard model, the Model 1545 ring type VW piezometer has a  $50\mu\text{m}$  filter in the shape of a cylinder, which makes it difficult for air or fluid to flow in a short time. In general, it is difficult to saturate with water by immersing it in a bucket while it is assembled.

It is recommended to put clean water in the bucket, immerse the separated sensor and filter in the bucket, put it horizontally, reassemble the filter case, and saturate the inside with water.



### **[Order of installation]**

- ① Unscrew the sensor and filter.
- ② Remove the internal air by putting the pressure sensor and the filter in the bucket horizontally, and then retighten the filter in the water.
- ③ Soak in water for at least 10 minutes.
- ④ Before installation, take it out from water and install.
- ⑤ Before installation, put VW piezometer in sandbag or stockings with sand and tight up.

### **[Precautions]**

If you remove the filter from the sensor part, do not apply force to the diaphragm that is the pressure sensing part inside the sensor part, or never allow foreign substances to enter inside.

This may cause a measurement error of the sensor, so please be very careful.