

ABSTRACT

A sensor fixing structure is provided. The sensor fixing structure is used for fixing a sensor at an interface of a chamber, and allowing a sensing end of the sensor to be located in the chamber to measure a fluid parameter in the chamber, comprising: a fastener, detachably mounted at the interface; a fixing member, provided with a first through hole extending in the length direction of the sensor; a sealing portion, for sealing the sensing end, and sealing a gap between the sensor and the first through hole; wherein, when the sensor fixing structure is assembled, the fixing member and the fastener are sequentially assembled at the interface, the sensor penetrates and is fixed in the first through hole, the sensing end is located in the chamber, and the fixing member is compressed under the preload force of the fastener to form a seal with the interface and the fastener. The sensor fixing structure of the present application has relatively high sealing performance by means of the described structure.