

Leakage Sensors



This time, we introduce the externally mounted leak sensors. They are the leak sensors that are installed in place of the oil plug, unlike the leak sensors that are built into the motor. There are 3 models, M8/10/12, depending on the size of the oil plug.

The function is the same as the electrode type, and a low voltage is applied between the electrode sensor and ground (pump body). When there is no water inside the oil chamber, there is no conductivity through oil. But when water enters inside the oil chamber, a small amount of current (less than 1mA) flows between the electrode and the pump body. By amplifying this current in external control panel through a relay, indicator lamps, alarms, or other control mechanisms (stopping the pump) can be activated.

Examples of use and precautions are as follows:

