

ABSTRACT

An electromagnetic valve (1) as a fluid device is provided with a valve seat (110) and a valve body (25) midway of a flow path (11) where a liquid flows, and closes the valve with the valve body (25) pressed onto the valve seat (110) and opens the valve by causing a gap between the valve seat (110) and the valve body (25). The electromagnetic valve includes, as electrodes for measuring a degree of electrical conductivity between a liquid on an upstream side and a liquid on a downstream side of the valve seat (110) and the valve body (25) in the flow path (11), a first electrode (141) electrically conductive to the liquid on the upstream side and a second electrode (142) electrically conductive to the liquid on the downstream side. By using the first and second electrodes (141 and 142), detection of liquid leakage can be easily performed.

Fig. 1