

PIEZOELECTRIC SENSOR, METHOD FOR FIXING THE SAME, ACTUATOR, DISK
UNIT, AND METHOD FOR CHECKING CONNECTIONS

ABSTRACT

A piezoelectric sensor is disclosed that does not suffer degradation of properties, even when a lead wire is to be soldered to one of a pair of electrodes of a piezoelectric sensor and the other electrode is to be bonded and fixed to a predetermined member with an adhesive. The piezoelectric sensor (18), wherein two electrodes (18b and 18c) are formed with different materials is suitable for soldering and bonding by an adhesive respectively. The ground electrode (18c) of the piezoelectric sensor (18) is bonded to the object member (7b) with a non-conductive adhesive so as to be connected electrically. Furthermore, the capacity between the output electrode (18b) of the piezoelectric sensor (18) and the object member (7b) is measured to check the electrical connection between the ground electrode (18c) and the object member (7b).

FIG 8