

ABSTRACT

WATCH INCLUDING PRESSURE SENSOR

The invention concerns a device for mounting a pressure sensor simply and precisely on the back cover (11) of a diver's watch or altimeter watch. The pressure sensor (31) is driven into an intermediate ring (33) forming part of a sensor module (30) which further includes an additional PCB (34), a sensor support (35) and
5 connecting elements (38) between the additional PCB (34) and a main PCB of the watch. To ensure very precise positioning relative to the back cover, the intermediate ring (33) includes feet (35) that engage in holes in the additional PCB and in the sensor support. A sealing gasket (32) is radially compressed between the wall of the orifice (12) of the back cover and a tubular casing (47) of the pressure sensor. The
10 back cover (11) is covered externally by a perforated cover.

Figure 3