

ABSTRACT

A sensor device (100) obtains a measurement from a gauge (G1) including: a dial plate (G16) having a scale face (G16a) with a scale mark; a shaft (G17) having an axis (AX) and orthogonal to the scale face (G16a); a needle (G14); a magnet (G18) rotatable about the axis (AX) together with the needle (G14); and a transparent plate (G15) covering the dial plate (G16), the needle (G14), and the magnet (G18). The sensor device (100) includes: a sensor device body (D1) including a sensor section (21) that coincides with the axis (AX) as viewed along the axis (AX) and that is configured to obtain information on a position of the magnet (G18), the sensor device body (D1) being configured to obtain the measurement based on the information; and an attacher (A1) configured to attach the sensor device body (D1) to the gauge (G1) and be fixed to the transparent plate (G15) in such a manner as to not coincide with the sensor section (21) as viewed along the axis (AX).

[Fig. 5]