

ABSTRACT

WAFER-TYPE DIRECT-ACTING VALVE

In the direct-acting valve of the present invention, no flange is formed in the valve box and the piping is achieved by interposing the valve box between pipe flanges.

The direct-acting valve of the present invention includes: a driving section 1 that operates by sensing a primary pressure or a secondary pressure; and a valve body 3 communicating with the driving section 1 to open and close a flow path 2. A valve box 4 of the valve is sandwiched between pipe flanges F and F1 tightened by bolts B, B1 ... and nuts N, N1 Connecting end portions 10 and 11 to be mated with pipe flanges F and F1 that respectively have an inlet and an outlet 6 and 7 of the flow path 2 are made to be flangeless. A cover flange neck 17 is extended upward from the valve box 4 is formed so as to be interposed between the bolts B and B1 which are provided between the pipe flanges F and F1 and adjacent to each other on the circumference of the pipe flanges F and F1.

Figure 2