

Fig. 1 · Type 43-1 Temperature Regulator with double adapter Do3K

### 1. Design and principle of operation

The double adapter Do3 K is suitable for attaching additional thermostats or control devices to allow the control of further variables.

A Series 43 control valve can be directly mounted to connection **a** of the double adapter. Depending on the respective version, additional thermostats or a manual adjuster can be mounted to connections **b** and **c**.

The manual adjuster can also be attached directly to the control valve instead of a thermostat.

The travel of the mounted unit acts directly (connection **b**) or via lever (4) on the coupling pin (3) and the plug stem (1.1) of the valve.

The plug stem is coupled to the unit which has the largest travel.

## 2. Installation

For installation of the double adapter and the manual adjuster, see the "Mounting and operating instructions" related to the respective control valves and thermostats for which the devices are used.

The manual adjuster or double adapter is attached to the control valve. The thermostats or the manual adjuster are then screwed to the double adapter.

Make sure the control valve and the double adapter are not distorted when being screwed together (tightening torque 20 Nm).

## 3. Operation

See the "Mounting and operating instructions" of the associated control valve and its thermostats.

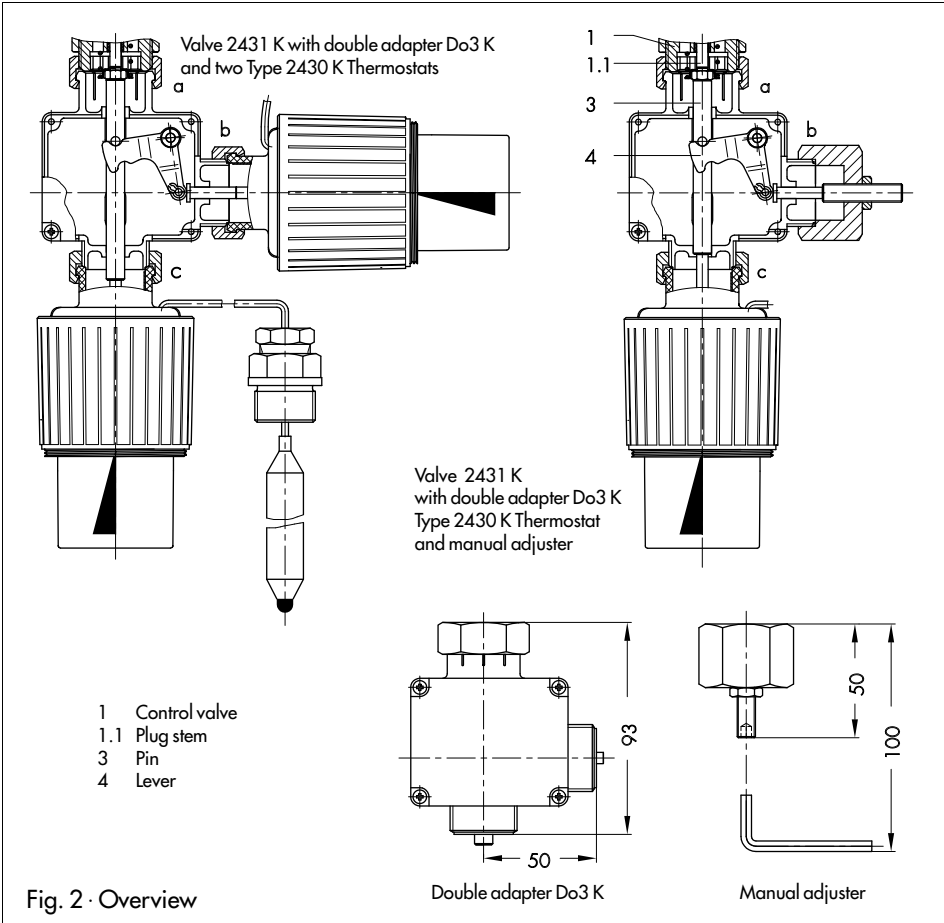


Fig. 2 · Overview



SAMSON AG · MESS- UND REGELTECHNIK  
Weismüllerstraße 3 · D-60314 Frankfurt am Main  
Postfach 10 19 01 · D-60019 Frankfurt am Main  
Telefon (0 69) 4 00 90 · Telefax (0 69) 4 00 95 07

EB 2176 E

S/C 010.96