

Head Conversion Kit for SA Control Systems SA121, 1219, 122, 123, 128 Installation and Maintenance Instructions

Safety information

Your attention is drawn to safety information leaflet IM-GCM-10, as well as any National or Regional regulations.

This product is designed/constructed to withstand the force encountered in normal use. Use of the product for any purpose other than as a temperature controller could cause injury or fatality to personnel.

This product contains Kerosene which is highly inflammable.

The procedure for changing the adjustment from a knob to a dial is as follows:

1. Ensure the adjustment is set to the midway mark. This is indicated by a dot on the scale sleeve.
2. Remove the tamper proof plug **B** from the end of the knob.
3. Remove the star washer **A** from the end of the adjustment rod and remove the 3 mm A/F Allen head drive screw **C**. The knob and brass disc can then be pulled off.
4. Unscrew the hexagon drive screw **D** from the side of the scale sleeve using the Allen key supplied, and remove the scale sleeve and the sleeve ring.

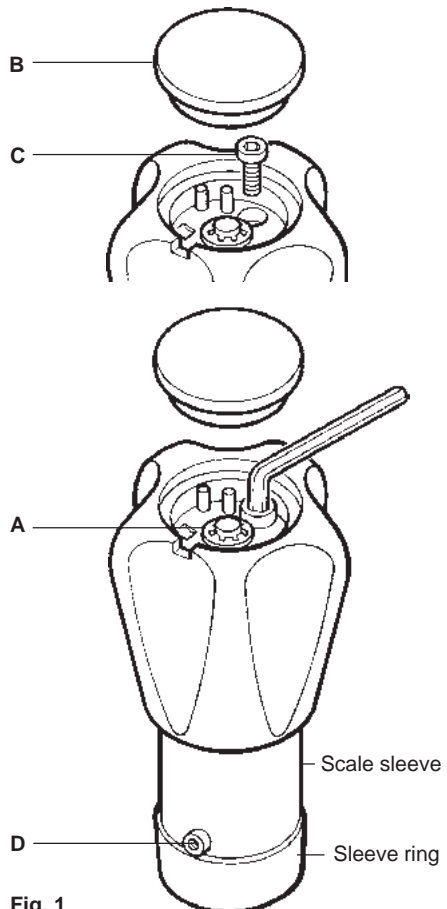


Fig. 1

5. Unscrew the hexagon drive screw from the dial head.
6. Fit the dial head assembly on to the adjustment rod so that the pin on the rod engages correctly with the slot in the brass adjuster in the dial head assembly. It is important to ensure that the adjustment rod is not turned during this operation.
7. Align the hexagon drive screw on the dial head assembly, with the groove on the spindle housing. Tighten the screw.
8. Fit the appropriate temperature scale to the dial indicator head.
9. Fit the temperature indicator to the dial head, ensuring that it is pointing to the midway mark. Again this is indicated by a dot on the scale.
10. Fit the tamper proof plug to the end of the dial head assembly.
11. Finally, fit the transparent cover to the dial head assembly.

Note: For temperature control systems (dial adjustment) see IM-P382-01. Also refer to the afore mentioned document for general usage, adjustment, commissioning and maintenance instructions.

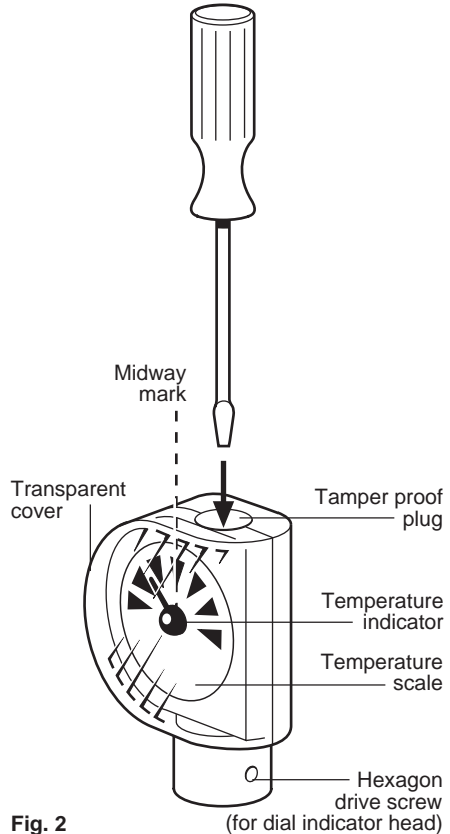


Fig. 2

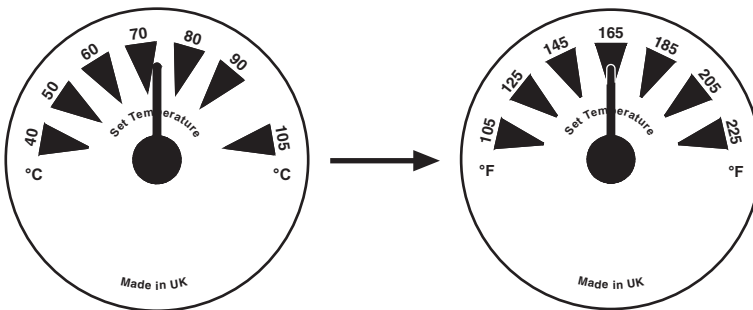


Fig. 3 Selection of temperature scale °C or °F