

**Installation and Maintenance Instructions  
for ASHCROFT® Type B400XG8  
Snap-Action Switches**



**Note:** This sheet contains information necessary for proper and safe operation, and should be read by the installer or user – **DO NOT DESTROY.**

Do not exceed electrical, pressure or temperature ratings on nameplates – turn off power before removing cover. Install in accordance with National Electrical Code or other applicable specifications. Process fluid type and temperature must be compatible with the wetted materials shown on the nameplate.

Diaphragm material is coded in the catalog number as follows:

**Example: B420S (S-AISI 316 Stainless Steel)**

This sheet should be used in conjunction with instruction 250-2246 entitled "Installation and Maintenance B400 and B700 Series Ashcroft Snap Action Switches for Pressure Control." B400 Suffix XG8, snap action switches are for use on steam to a maximum pressure of 300 psi.

#### **INSTALLATION**

See reference to B400 series on 250-2246 for installation and electrical connections. The suffix XG8 switches must be used with a properly rated siphon at least 7 inches in length to lower the temperature of the steam in contact with the operating mechanism of the switch. The effect of a siphon may be accomplished by a coiled flexible line between the manifold and switch pressure port or by the use of a manufactured siphon similar to the Ashcroft ¼ 1098 series. All XG8 controls have the left conduit hole plug sealed at the factory.

#### **ADJUSTMENT OF SETPOINT**

A single setpoint adjustment nut is located centrally at the bottom on the inside of the enclosure. XG8 controls have a setpoint indication scale located adjacent to the adjusting nut. To adjust the control, align the top of the adjusting nut hex with the indicator line on the scale. Do not force adjustment or attempt to exceed maximum setting shown on scale or nameplate.

After installation of the control, replace cover to insure electrical safety and to protect parts from the environment.