

**Installation and Maintenance Instructions for  
ASHCROFT® Type B400XG6 & B700XG6 Series  
Snap-Action Switches for Medium Pressure**



**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 nameplates.

Diaphragm materials are coded in the catalog number as follows:

**Example:            B420 B**  
                          **B – Buna**  
                          **V – Viton**

Other wetted materials are 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 and suffix XG6, snap-action switches are used on air, natural gas, LP gas and Numbers 1, 2 and 6 fuel oil at temperatures to 240°F, to a maximum pressure of 600 psi.

#### **INSTALLATION**

See references to B400 series on 250-2246 for installation and electrical connections. The suffix XG6 switches are provided with a 1/8 NPT vent for the attachment of a line when required. If this vent is not connected to a line it should be plugged to prevent the entrance of foreign matter. All XG6 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. XG6 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 the scale nameplate.

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