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Title: Sensors Twinport Cylinders

ISO Date: April 10, 2006

Don't Take Chances
Compressed air is an extremely powerful medium. Always take maximum precautions when handling any component of a compressed air system. **Never** attempt to construct, replace, operate or service any component of a compressed air system unless you have been specifically and properly trained to do so. **Always** disconnect the supply air, and exhaust the air system before attempting to remove or service a component of that system. Failure to heed these warnings could result in SERIOUS, EVEN FATAL, PERSONAL INJURY.

Design And Specifications
The design and specifications and other product information contained in this catalog is for general reference purposes based upon customary and usual manufacturing standards and product applications. However, it is difficult to predict or to anticipate the functioning or suitability of the product for any particular application or use. Therefore, nothing herein shall be deemed a representation or warranty of the product design or specifications and Buyer shall have the responsibility for investigating and testing the product in any particular application or use and all risks attendant in such use.

Humphrey Products Company
1-800-477-8707
Kalamazoo, MI 49003
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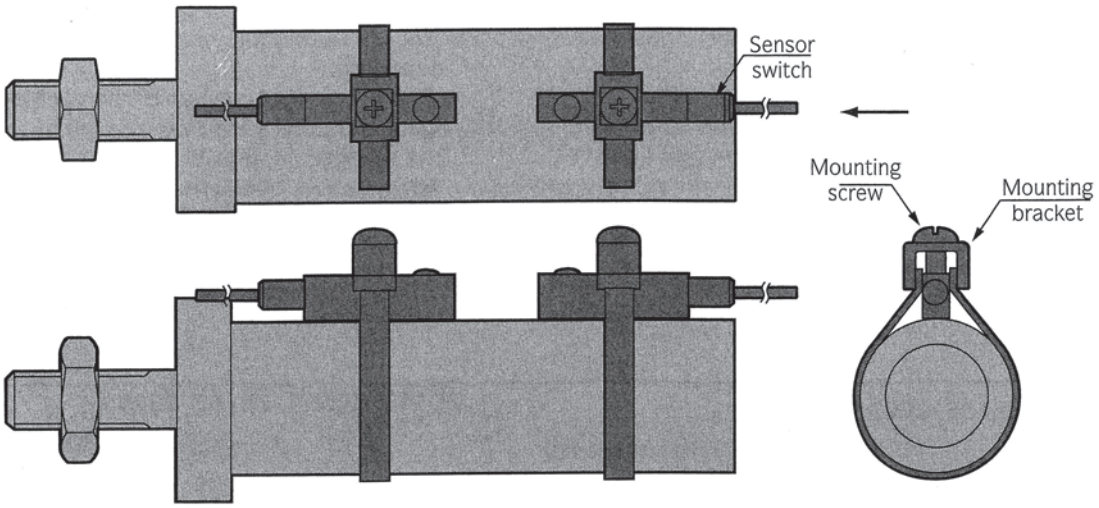
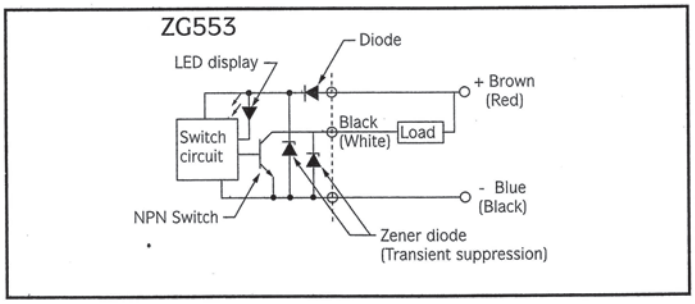
Sensor switch information

Mounting

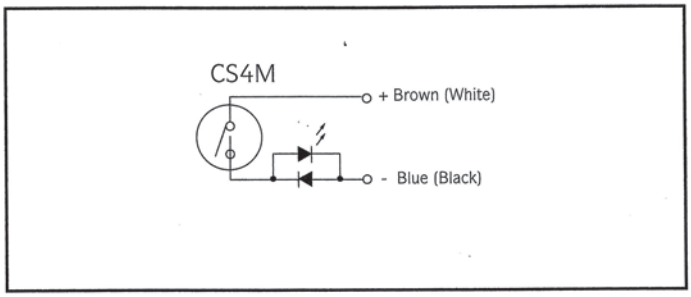


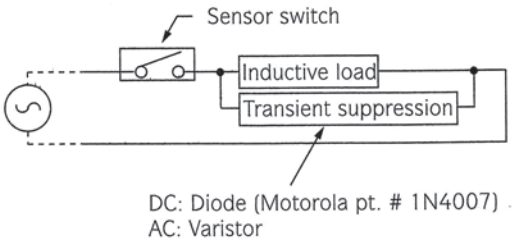
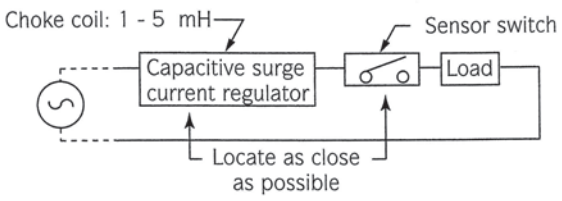
1. Apply air to desired port to move cylinder to end of stroke.
2. Insert sensor switch in direction of arrow in the groove of the cylinder body.
3. Continue inserting sensor switch in direction of arrow. If sensor switch has LED light it will turn on.
4. After sensor switch closes, move it .3mm (.01 in) in direction of arrow and secure sensor switch with mounting screw.
5. If second sensor switch is needed, apply air to other port (if double acting) or disconnect air supply and install other sensor switch in same manner.

Circuit diagrams



Hall effect



Reed

Recommended protection for reed sensor switch