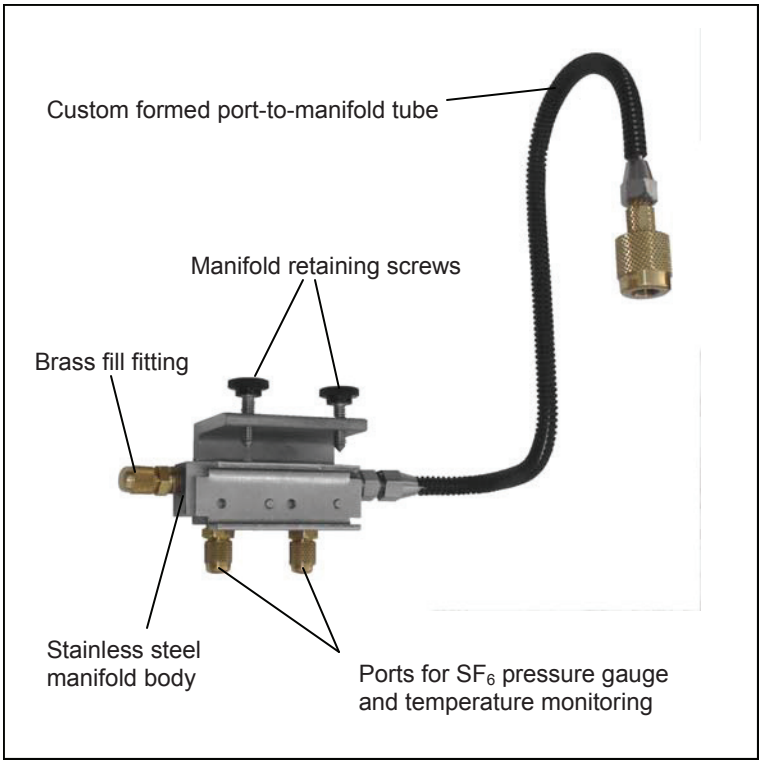
Submersible SF_6 Gas Monitoring Manifold
For use with G&W and Canada Power Product Switches

When dealing with SF_6 gas insulated switches, safety is a paramount priority. These types of switches should not be operated if the SF_6 pressure or density is lower than that specified by the manufacturer. SF_6 switches are typically supplied with a pressure switch set to a minimum safety value to prevent under-pressure switch operation. The pressure switch, though, does not address the concern about gas density and may be inaccurate at low and high temperatures.

Gas density is a function of pressure and temperature. To enable customers to have an analog measurement of gas density, Cleaveland/Price can provide a gas monitoring manifold that enables the attachment of both analog pressure and temperature measuring devices. With the use of the monitoring manifold, the Cleaveland/Price controller can report the density value as well as inhibit switch operation if the density is below a safe level.

The manifold assembly is designed for corrosion resistance and submergibility. The manifold is available with a leak-proof "Absolute" pressure switch with a secondary seal and an "Absolute" gas temperature monitor with a secondary seal for ultimate reliability of the gas monitoring system.



Gas monitoring manifold with "Absolute" pressure switch attached to a G&W SF_6 switch

Style Number:
C132B057G01 for Canada Power Products switches
C132B057G02 for G&W switches

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