Pressure Control Modules

The PCM is a general purpose module with two independent control channels, designated 1 and 2. The general name of a PCM module is PCM #, where the # (actually, a letter) identifies the PCM (there can be up to 3 installed).

The two channels are not identical. Channel 1 is a simple forward-pressure regulated channel that maintains constant flow through a fixed restrictor.

Channel 2 may be used either as a forward-pressure regulator or as a back-pressure regulator, simply by reversing the input and output connections. The back pressure mode can be very useful with a gas sampling valve, where it ensures that the sample pressure in the loop remains constant.