

ECONOMICAL HIGH PURITY SEMI-AUTOMATIC CHANGEOVER MANIFOLD Series 916

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The 916 Series semi-automatic changeover manifold provides a lower cost solution for providing an uninterrupted gas supply to your instrumentation or process. Available in brass or 316 stainless steel, the 916 Series offers the convenience of a simple flip knob to readjust pressures after a changeover and a line regulator to ensure a constant delivery pressure to your system.

A pressure switch alarm assembly is available to notify the user that a changeover has taken place, the manifold needs to be set to switch the other way, and the empty cylinders should be changed.

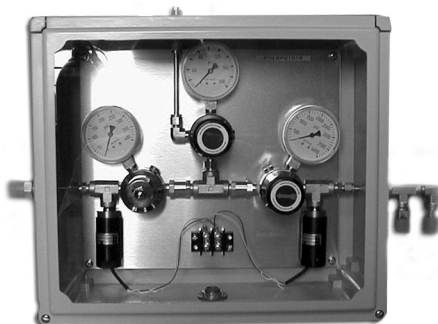
The system can simply be used with one pigtail on each side, or connected to larger manifolds such as those shown on pages 48 and 49. Pigtails and/or manifolds sections are ordered separately.

SPECIFICATIONS

Max. Operating Press.	3000 psig
Inlet and outlet ports:	1/4" NPT female
Operating Temperature:	-40°F to +165°F
Flow coefficient Cv	0.08 (0.2 optional)**



916



916 BX

HOW TO ORDER

Model	Description
Brass Central Control Section (Control section only – no pigtails)	
916-1-025	line regulator delivery range 0-25 psig
916-1-050	line regulator delivery range 0-50 psig
916-1-100	line regulator delivery range 0-100 psig

Stainless Steel Central Control Section (Control section only – no pigtails)	
916-2-025	line regulator delivery range 0-25 psig
916-2-050	line regulator delivery range 0-50 psig
916-2-100	line regulator delivery range 0-100 psig

**For optional 0.2 Cv high flow manifold, add "HF" to part number, for example, 916HF-1-050.

Options	
916-3B	brass pressure switch alarm assembly (one each side)
916-3BEX	brass pressure switch alarm assembly for flammable gases (one each side)
916-3S	stainless steel pressure switch alarm assembly (one each side)
916-3SEX	stainless steel pressure switch alarm assembly for flammable gases (one each side)
914-AVA	audio/visual alarm module
Manifold mounted in a NEMA4 enclosure – add "BX" to part number, for example, 916BX-1-050	

Pigtails for Brass Manifolds	
916-FP601-Y-CGA*	flexible Teflon-lined stainless steel braided pigtail with brass fittings and no check valve
916-FP601-Y-CV-CGA*	flexible Teflon-lined stainless steel braided pigtail with brass fittings and check valve
916-FPB604-Y-CGA*	flexible all stainless steel braided pigtail with brass fittings and no check valve
916-FPB604-Y-CV-CGA*	flexible all stainless steel braided pigtail with brass fittings and check valve

Pigtails for Stainless Steel Manifolds	
916-FP604-Y-CGA*	flexible all stainless steel braided pigtail without check valve
916-FP604-Y-CV-CGA*	flexible all stainless steel braided pigtail with check valve

*Specify CGA connection when ordering.

Y = pigtail length in feet.



914 AVA