

ECONOMICAL HIGH PURITY SEMI-AUTOMATIC CHANGEOVER MANIFOLD

Series 916 BX

The 916 BX Series semi-automatic changeover manifold provides an economic solution for providing an uninterrupted gas supply to your instrumentation or process when the working environment requires the changeover to be enclosed. The entire system is housed in a NEMA4x box. 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.

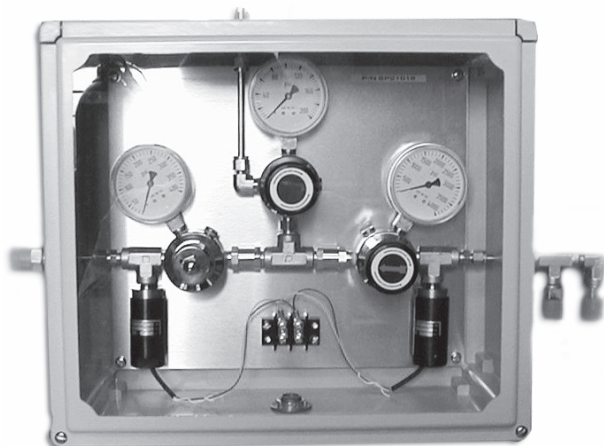
A pressure switch alarm assembly is available to notify the user that a changeover has taken place, the manifold needs to be set to switch the other way, and the empty cylinders should be changed.

The system can simply be used with one pigtail on each side, or connected to larger manifolds such as those shown on pages 59 and 60. 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

* When unit is ordered with accompanying pigtails the inlet connections will be the mating CGA connection of the pigtail.



916 BX

HOW TO ORDER

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

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

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

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