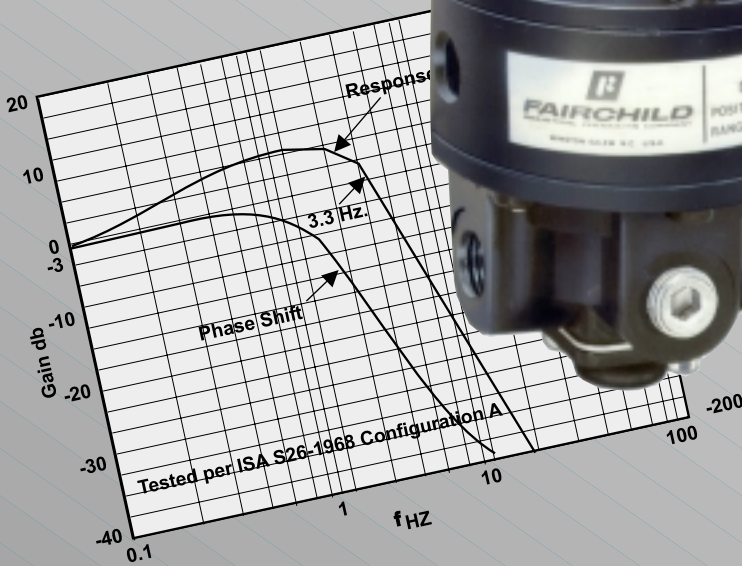
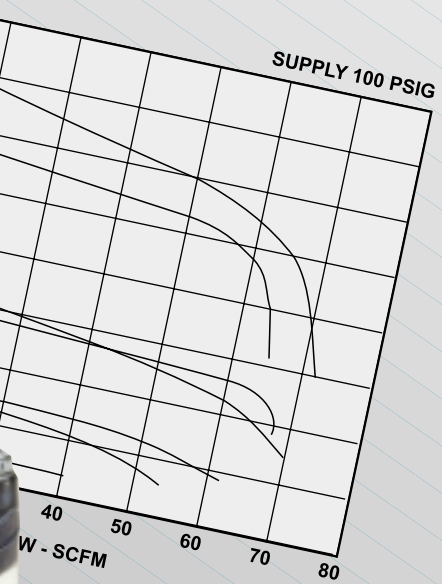
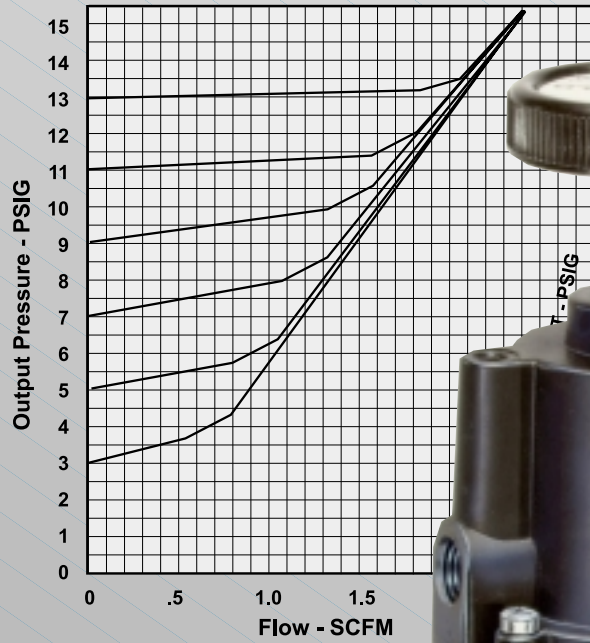


FAIRCHILD

POSITIVE AND NEGATIVE BIAS RELAY

Model 14



FAIRCHILD
INDUSTRIAL PRODUCTS COMPANY

GENERAL INFORMATION

MODEL 14 POSITIVE AND NEGATIVE BIAS RELAY

APPLICATIONS

The Model 14 Positive and Negative Bias Relay is designed for applications that require an output pressure that is the sum of a controlled input signal plus or minus a fixed bias.

FEATURES

Performance

- The Model 14 is sensitive to 1/2" Water Column variation which permits use in precision applications.
- A Balanced Supply Valve minimizes the effects of supply pressure variation.
- Aspirator Tube minimizes downstream pressure droop under flowing conditions.

Functional

- Flow of up to 40 SCFM with 100 psig Supply allows use in applications requiring high flow capacity.

Physical

- A separate Control Chamber isolates the diaphragm from the main flow, eliminating hunting and buzzing.
- Mounting Bracket available.

NOTE:

The information for this catalog sheet is being upgraded to electronic format and will be available soon. Please go to the Information Request section of this web site to order the latest printed revision.

— ORDERING INFORMATION —

Catalog Number	1 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Range				
psig	[BAR]	(kPa)		
-18 to 2	[-1.2 to .15]	(-120 to 15)	(21)	
-18 to 10	[-1.2 to .7]	(-120 to 70)	(22)	
-18 to 30	[-1.2 to 2]	(-120 to 200)	(23)	
-18 to 100	[-1.2 to 7]	(-120 to 700)	(25)	
Pipe Size				
1/4" NPT			(2)	
3/8" NPT			(3)	
Options				
Tamper Proof				(T)
Tapped Exhaust				(E)
Non-Relieving				(N)
Silicone Elastomers ¹				(A)
Viton Elastomers				(J)
BSPT (Tapered)				(U)

¹ Maximum Supply Pressure - 75 psig, [5.0 BAR], (500 kPa)



FAIRCHILD
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