ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Johnson Controls P70AB-2* at our website: *Click HERE*

JOHNSON CONTROLS

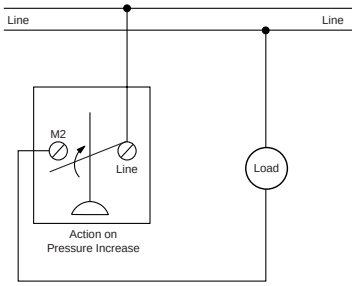
Controls Group 507 E. Michigan Street
P.O. Box 423, Milwaukee, WI 53202
Code No. Lit-1927225

P70 Series

Single Pole Low Pressure Control



P70AB-2



P70A Wiring Diagram

Description

This P70 Series of controls employs a set of switch contacts that are opened and closed by the movement of pressure actuated bellows. The load-carrying contacts provide direct control of AC motors within the control rating. Note the electrical rating chart for specific models. These controls are available with either close high–open low, open high–close low, or SPDT contact action.

Features

- full adjustability through all pressure ranges
- minimum differential
- long life contact structure...no bounce on make

Accessories

- includes a universal mounting bracket.

Applications

- air conditioning and refrigeration applications
- control of air, water, and oil pressure

To Order

Specify the code number from the following selection chart. Also, refer to *P170 Series Single Pole Low Pressure Control*.

Selection Chart

Code Number	Switch Action	Range psig (kPa)	Differential psi (kPa)	Pressure Connector	Limited Knob Adjust-ment	Max. Bellows Overrun Pressure psig (kPa)
MICRO-SET™ FOR R-12, R-22, R134A, R-500, R-502 (R)						
▲ **P70AB-12C**	Close High Open Low	12 in. to 80 (-40 to 551)	Min 5 (34) Max 35 (241)	36 in. Cap. with 1/4 in. Flare Nut	Cut-out [a]	525 (3620)
"ALL RANGE" FOR R-12, R-22, R134A, R-500, R-502 (R)						
▲**P70AA-1C**	Close High Open Low	20 in. to 100 (-68 to 690)	Min 7 (48) Max 50 (345)	36 in. Cap. with 1/4 in. Flare Nut	None	325 (2241)
▲ **P70AB-1C**				1/4 in. Male Flared Conn.	Cut-out [a]	
▲ **P70AB-2C**				36 in. Cap. with 1/4 in. Flare Nut	Cut-out [a]	
▲ **P70CA-1C**	Open High Close Low			36 in. Cap. with 1/4 in. Flare Nut	None	
P70EA-10C	SPDT		5 (34) Fixed	1/4 in. Male Flared Conn.	None	
FOR AMMONIA						
P70AA-5C	Close High Open Low	20 in. to 100 (-68 to 690)	Min 7 (48) Max 50 (345)	1/4 in. Female NPT	None	325 (2241)
P70CA-4C	Open High Close Low					

(a) Adjusting knob supplied on differential (cut-out setting) to limit adjustments to 5 psi (34 kPa) above or below normal setting.

Cross Reference

Ranco	JCI/PENN
010-1483	P70AA-1
010-1831	P70AB-1
010-1402	P70AB-12
010-1483	P70AB-2
010-1842	P70AB-12
010-2054	P70AA-118
011-1711	P70CA-3

SPST Electrical Ratings (P70A and P70C models)

	Standard Single-Phase Ratings			Hermetic Compressor Single-Phase Ratings
	120 VAC	208 VAC	240 VAC	208/240 VAC
Motor Horsepower	1.5	3	3	—
Motor Full-Load Amp	20	18.7	17	20
Motor Locked-Rotor Amp	120	112.2	102	120
Non-Inductive Amp	22	22	22	—
Pilot Duty	125 VA at 120 to 600 VAC; 57.5 VA at 120 to 300 VDC			

SPDT Electrical Ratings (P70E models)

	Standard Single-Phase Ratings		
	120 VAC	208 VAC	240 VAC
Motor Full-Load Amp	16.0	9.2	8.0
Motor Locked-Rotor Amp	96.0	55.2	48.0
Non-Inductive Amp	16.0	9.2	8.0
Pilot Duty	125 VA at 120 to 600 VAC		

▲ Universal Replacement ★ Non-Stock Item. Built to Order. (R) For Refrigerants Not Listed, Contact Application Engineering

The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult the local Johnson Controls office. Johnson Controls, Inc. shall not be liable for damages resulting from misapplication or misuse of its products. © 02/00 Johnson Controls, Inc

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP