

P74F

Substitute

А

- Excelon design allows in-line or modular installation
- Controls increase of downstream pressure on start up. Cylinders and other air operated devices are eased into normal operating positions, reducing the possibility of equipment damage and hazards to the user.
- 3 port/2 position, normally closed, soft start valve with optional manual lockout slide
- Blocks inlet air and exhausts downstream air when pilot signal is removed or when the optional manual lockout slide is closed
- Optional manual slide can be padlocked in closed position
- Solenoid pilot or air pilot operation
- Designed primarily for use in start-up and shutdown of equipment, not as a frequently cycling directional control valve. Norgren offers a wide variety of valves designed for frequent cycling and other applications. Please refer to the P72C and P74C valves, and to other Norgren valve catalogs.



Ordering Information. Models listed are with PTF ports. Solenoid operated models include 24 V d.c. coil and plug without indicator.

Port Size	Solenoid Operated*	Weight	Air Pilot Operated	Weight
	Model	lb (kg)	Model	lb (kg)
3/8"	P74F-3AC-PFA	2.4 (1.08)	P74F-3AA-NNN	2.3 (1.05)
1/2"	P74F-4AC-PFA	2.3 (1.05)	P74F-4AA-NNN	2.2 (1.02)
3/4"	P74F-6AC-PFA	3.1 (1.41)	P74F-6AA-NNN	3.0 (1.35)

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* To select other solenoid type and coil voltage refer to alternative models table below.

Alternative Models		P 7 4 F - ★
Port Size	Substitute	
3/8"	3	
1/2"	4	
3/4 "	6	
Threads	Substitute	
PTF	А	
ISO Rc taper	В	
ISO G parallel	G	
Operator	Substitute	<u> </u>
Air pilot**	А	
Air pilot with manual lockout slide**	В	
22 mm miniature solenoid	С	
22 mm miniature solenoid with		
manual lockout slide	D	
CNOMO solenoid	L	
CNOMO solenoid with		
manual lockout slide	Μ	
** To order air pilot models also substitut	o 'NNNI' of digit	c 8 0 and 10 c a P74E 400 N

no manoator ngitt		
Cable grip w/indica	В	
1/2" Conduit	С	
Without	N	
• ···· ··		
Coil Voltage	Nominal	Substitute
	Power Rating	
24 V d.c.	2 W	F
12 V d.c.	2 W	E
6 V d.c.	2 W	D
220/240 V	4/2.5 VA	В
50/60 Hz		
110/120 V	4/2.5 VA	A
50/60 Hz		
No coil	2 W	Z
No solenoid		N
Colonaid Operator		Cubatituta
Solenoid Operator	Substitute	
Shrouded push bu	Р	
Screw driver slot*	S	
None	N	

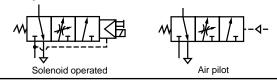
Connectors

no indicator light

3 pin plug with cable gland,

** To order air pilot models also substitute 'NNN' at digits 8, 9 and 10 e.g. P74F-4AA-NNN. **** Not available with D or M operator. † Use with A and F coils only.

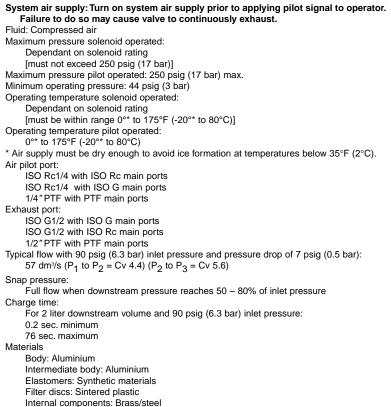
ISO Symbols



See Section ALE-24 for Accessories

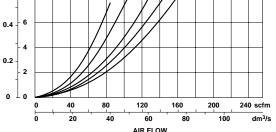


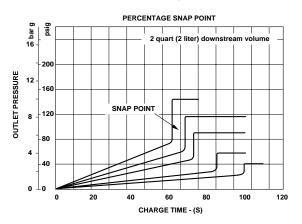
Technical Data



FLOW CHARACTERISTICS bar d psid PORT SIZE: 1/2' 0.8 PRESSURE: psig (bar g) NLET 10 44 58 91 116 150 PRESSURE DROP (3) (4.0) (6.3) (8) (10) 0.6 8

Typical Performance Characteristics





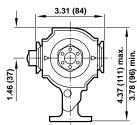
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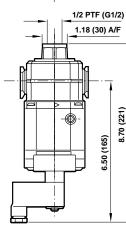
All Dimensions in Inches (mm)

Top plate: Zinc

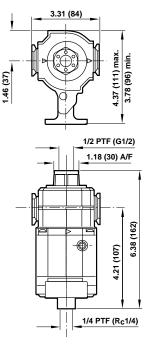
Exhaust bonnet: Zinc

Solenoid operated plus manual shut-off with lockout





Air pilot operated plus manual shut-off with lockout



Solenoid operated

