



This assembly consists of a pilot-operated, pressure reducing valve which reduces a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1. A check valve allows free reverse flow from port 1 to 2. Port 3 is the drain.

TECHNICAL DATA

Body Type	Line mount
Mounting Hole Diameter	.28 in.
Mounting Hole Quantity	2

CONFIGURATION

NOTES:

L Control	Standard Screw Adjustment
A Adjustment Range	100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting
N Seal Material	Buna-N
Range Letter(s) of Subordinate Cartridge	
Port and Material Designation	

- **Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
- For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

CONFIGURATION OPTIONS

Model Code Example: **YPFALANWNNK**

CONTROL	(L) ADJUSTMENT RANGE	(A) SEAL MATERIAL	(N)
L Standard Screw Adjustment	A 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting	N Buna-N	
	B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting	V Viton	
	C 150 - 6000 psi (10,5 - 420 bar), 200 psi (14 bar) Standard Setting		
	D 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting		
	N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting		
	W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting		

PRIMARY CARTRIDGE

(A)

A 4 psi (0,3 bar) (with PBFB primary cartridge, Pilot-operated, pressure reducing valve)
B 15 psi (1 bar) (with PBFB primary cartridge, Pilot-operated, pressure reducing valve)
C 30 psi (2 bar) (with PBFB primary cartridge, Pilot-operated, pressure reducing valve)
D 50 psi (3,5 bar) (with PBFB primary cartridge, Pilot-operated, pressure reducing valve)
E 75 psi (5 bar) (with PBFB primary cartridge, Pilot-operated, pressure reducing valve)
F 100 psi (7 bar) (with PBFB primary cartridge, Pilot-operated, pressure reducing valve)
Z 1 psi (0,07 bar) (with PBFB primary cartridge, Pilot-operated, pressure reducing valve)
F 100 psi (7 bar) (with PBFB8 primary cartridge, Pilot-operated, pressure reducing main stage with integral T-8A control cavity)
E 75 psi (5 bar) (with PBFB8 primary cartridge, Pilot-operated, pressure reducing main stage with integral T-8A control cavity)
D 50 psi (3,5 bar) (with PBFB8 primary cartridge, Pilot-operated, pressure reducing main stage with integral T-8A control cavity)
C 30 psi (2 bar) (with PBFB8 primary cartridge, Pilot-operated, pressure reducing main stage with integral T-8A control cavity)
B 15 psi (1 bar) (with PBFB8 primary cartridge, Pilot-operated, pressure reducing main stage with integral T-8A control cavity)
A 4 psi (0,3 bar) (with PBFB8 primary cartridge, Pilot-operated, pressure reducing main stage with integral T-8A control cavity)
Z 1 psi (0,07 bar) (with PBFB8 primary cartridge, Pilot-operated, pressure reducing main stage with integral T-8A control cavity)