



CONFIGURATION

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
F	Solenoid Designation	740 Coil-Normally Open (with PVDA primary cartridge, Pilot-operated, pressure reducing/relieving valve with drain to port 4)
A	Port and Material Designation	A Aluminum
224	Coil	DIN 43650 4 pin (Hirschman) 24 VDC

This assembly consists of a pilot-operated pressure reducing/relieving valve with a separate drain (port 4) which reduces a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, with a full-flow relief function from port 1 to tank (port 3). Draining the pilot section

at port 4 makes these valves insensitive to pressure at tank (port 3) and provides a means for remote control by pilot or 2-way valves. The 2-way, 2-position solenoid operated valve (normally open or closed) on the drain (port 4) allows the selection of turning the reducing/relieving function on or off.

TECHNICAL DATA

Body Type	Sandwich
Interface	ISO 03
Body Features	On P
Seal Plate Included (see notes)	Yes
Stack Height	1.75 in.

- NOTES:**
- Stack height value in technical data table includes seal retainer plate.
 - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.
 - **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.

CONFIGURATION OPTIONS

Model Code Example: YPCILANFA224

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	
C	Tamper Resistant - Factory Set	B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting	V Viton	
K	Handknob	D 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting		
W	Hex Wrench Adjustment	E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting		
Y	Tri-Grip Handknob	N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting		
		Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting		
		W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting		

INCLUDED COMPONENTS

Part	Description	Quantity
500-001-012*	O-Ring	4
700-002*	Seal Plate	1
811-001-006*	Pin	1
850-004-156*	Plug	3
850-004-218*	Plug	1
DTAFMHN224	Cartridge	1
PVDALAN	Cartridge - Primary	1