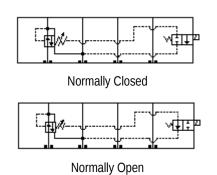
Solenoid-operated pressure reducing/relieving assembly

**CAPACITY: 10 gpm** 

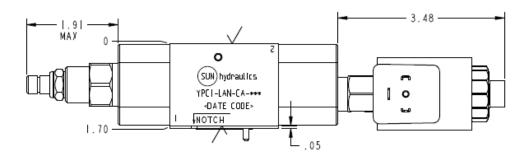


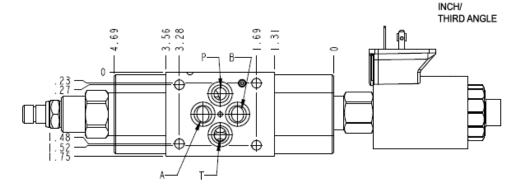
sunhydraulics.com/model/YPCI



## **CONFIGURATION**

L	Control	Standard Screw Adjustment	
Α	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.

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Solenoid-operated pressure reducing/relieving assembly

**CAPACITY: 10 gpm** 

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**CONFIGURATION OPTIONS** 

Model Code Example: YPCILANFA224

CONTROL (L) ADJUSTMENT RANGE (A) SEAL MATERIAL (N)

L	Standard Screw Adjustment	Α	100 - 3000 psi (7 - 210 bar), 200 psi (14 bar)	N	Buna-N
С	Tamper Resistant - Factory Set		Standard Setting	V	Viton
	Handknob	В	50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting		
W	Hex Wrench Adjustment	D	25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting		
Y Tri-Grip F	Tri-Grip Handknob				
		E	25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting		
		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

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