

Another Reliable Solution from Sun. . .

HYDRAULIC POPPET CARTRIDGE VALVES with Position Indicating Switch

Sun's new logic elements, LOGC-Z** and LOHC-Z**, have closed position indication, are simple to apply, and operate reliably. They are seated valves with an inductive position switch that confirms the valve poppet is closed. Rated to high flows and high pressures, both valves are suitable for high performance applications such as load holding, press systems, and redundant safety circuits.

Features include:

- Overlapped poppet design ensures reliable "valve closed" position indication.
- PNP – solid state switch, normally open and normally closed outputs.
- Factory set for precise electrical indication of closed position.
- Bi-directional flow capability to simplify manifold design.
- IP 65 rated, 4 pin M12 connector.
- CE approved.
- Operating Voltage Range: 20 - 30 DC.



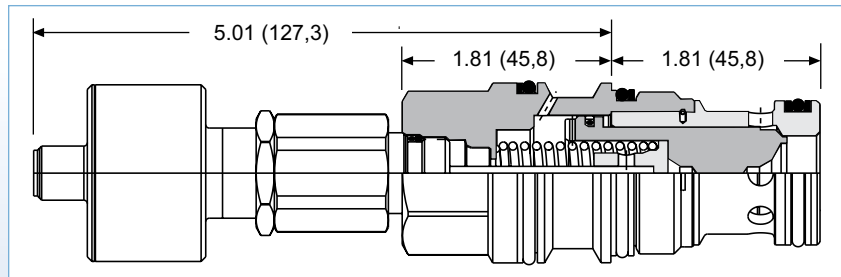
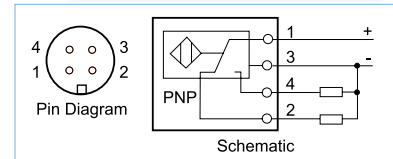
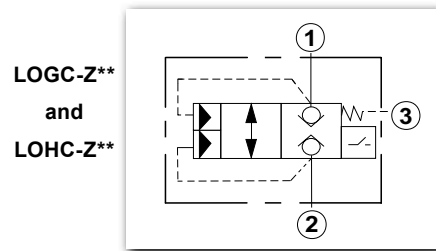
For our full range of Cartridge Valves and Manifolds, visit the Sun website:

www.sunhydraulics.com

For complete information on Sun's poppet valves with position indicating switch, click Products: Cartridges: Logic Elements: View All Logic Elements

SUN'S NEW LOGIC ELEMENTS WITH POSITION INDICATING SWITCH

- The **LOGC-Z**** and **LOHC-Z**** incorporate the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.
- These valves are unbalanced and are pressure responsive at all three ports, therefore it is essential to consider all aspects of system operation through a complete cycle to ensure that they function as intended.
- The **LOGC-Z**** has metering notches in the poppet to reduce hydraulic shock during valve opening and closing.



TECHNICAL DATA

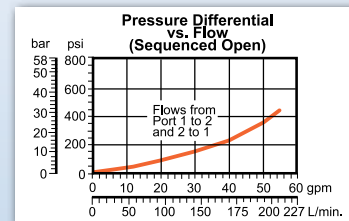
	U.S. Units	Metric Units
Cavity	T-17A	Series 3
Capacity	LOGC-Z**: 50 gpm LOHC-Z**: 100 gpm	190 L/min. 380 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drop/min.	0,07 cc/min.
Valve Hex Size	1 1/4 in.	31,0 mm

OPTIONAL PROTECTIVE COVER KIT #991-043

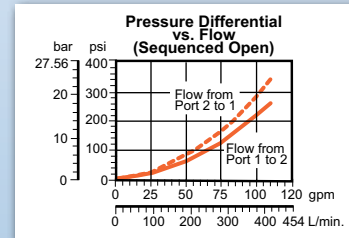


PERFORMANCE CURVES

LOGC-Z**



LOHC-Z**



Worldwide manufacturing operations for on time delivery!

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