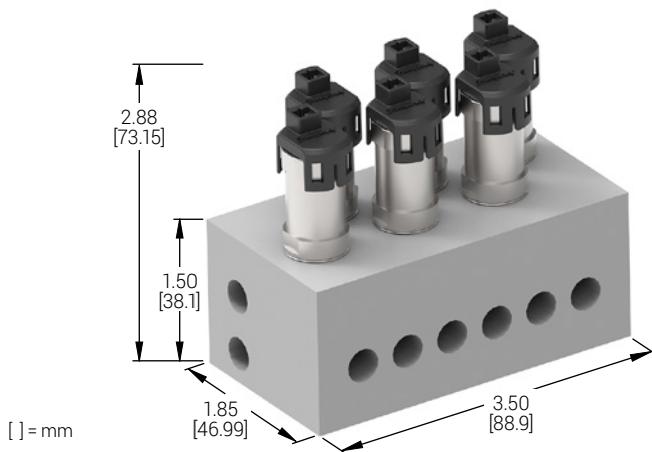


3-Port Cartridge Solenoid Valve

Part Number: Z5C022

- Designed for tight spacing / porting flexibility.
- Ideal for multiple valve custom manifolds.
- Pipe for Normally Closed or Normally Open function.
- Apply as either a 2- or 3-port valve.
- Optimized flow path for low pressure pneumatic media.
- Can be controlled w/peak and hold circuit for reduced power consumption.
- Plug-In Electrical Entry: 12VDC
- Wetted Parts: 303 SS, Nickel Plated, Brass, FKM
- Expect 20 million cycles.



CORNERSTONE PRODUCTS | Developed for original equipment makers. Unlike standard Humphrey valves, Cornerstone Products are customer specific and require a minimum order quantity and an extended lead time in production. This product may be modified to suit specific customer needs through our Engineered Solutions Group.

Consult factory for more information or to request a sample for test.



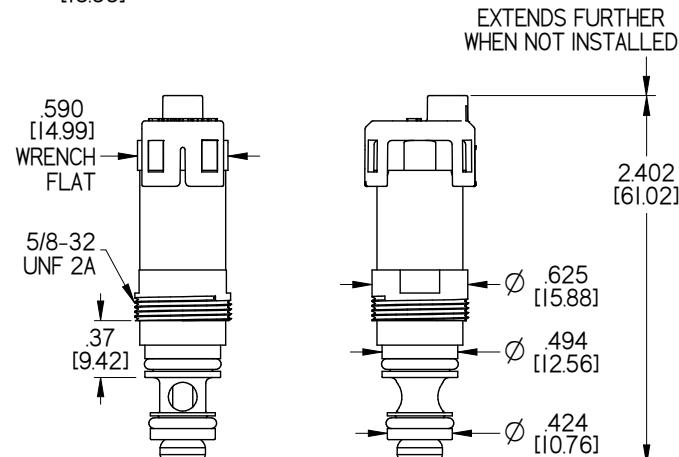
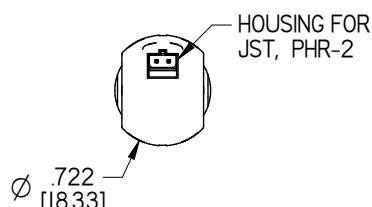
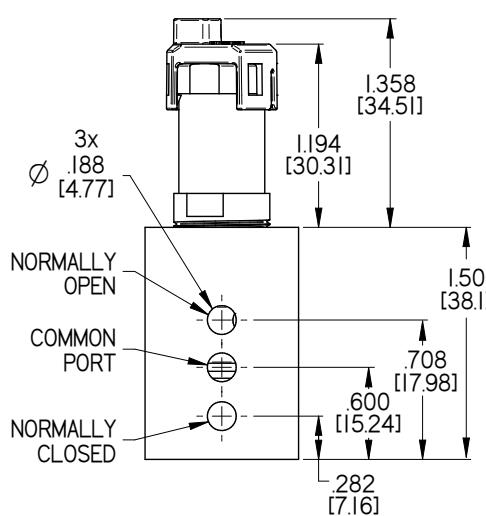
Cornerstone Products

3-Port Cartridge Solenoid Valve

Part Number: Z5C022

SPECIFICATIONS		Z5C022
TYPE OF OPERATION	Direct Solenoid	
FUNCTION	2- or 3-Way, NO or NC	
MEDIA	Air, Oxygen, Inert Gas	
PIPING TYPE	Cartridge	
NUMBER OF PORTS	2 or 3	
WETTED PARTS	303 SS, Nickel Plated, Brass, FKM	
PRESSURE RANGE – PSI (BAR)	0-30 (2)	
AIR FLOW @ 15 PSI	57 LPM	
FLUID TEMPERATURE	32°-125°F (0°-52°C)	
AMBIENT TEMPERATURE	32°-125°F (0°-52°C)	
RESPONSE TIME @ 30 PSI (TYP)	10 ms	
ELECTRICAL ENTRY	Plug In (to Pins)	
VOLTAGE	12VDC	
POWER CONSUMPTION (W)	4	
DUTY CYCLE	Continuous	
WEIGHT – OZ (GRAMS)	1.4 (40)	

Dimensional Drawings



[] = mm

Certified to the ISO 9001:2015 Standard.

HUMPHREY-PRODUCTS.COM

A privately owned US company since 1901.

© 2025 Humphrey Products Company

Z5C022

Humphrey Products Company

5070 East N Avenue

Kalamazoo, MI 49048 USA

E: webcust@Humphrey-Products.com

P: 1.800.477.8705

Humphrey®