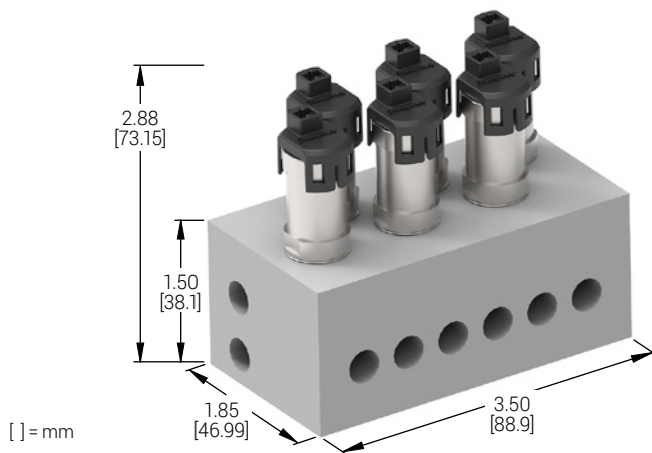


3-Port Cartridge Solenoid Valve

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.

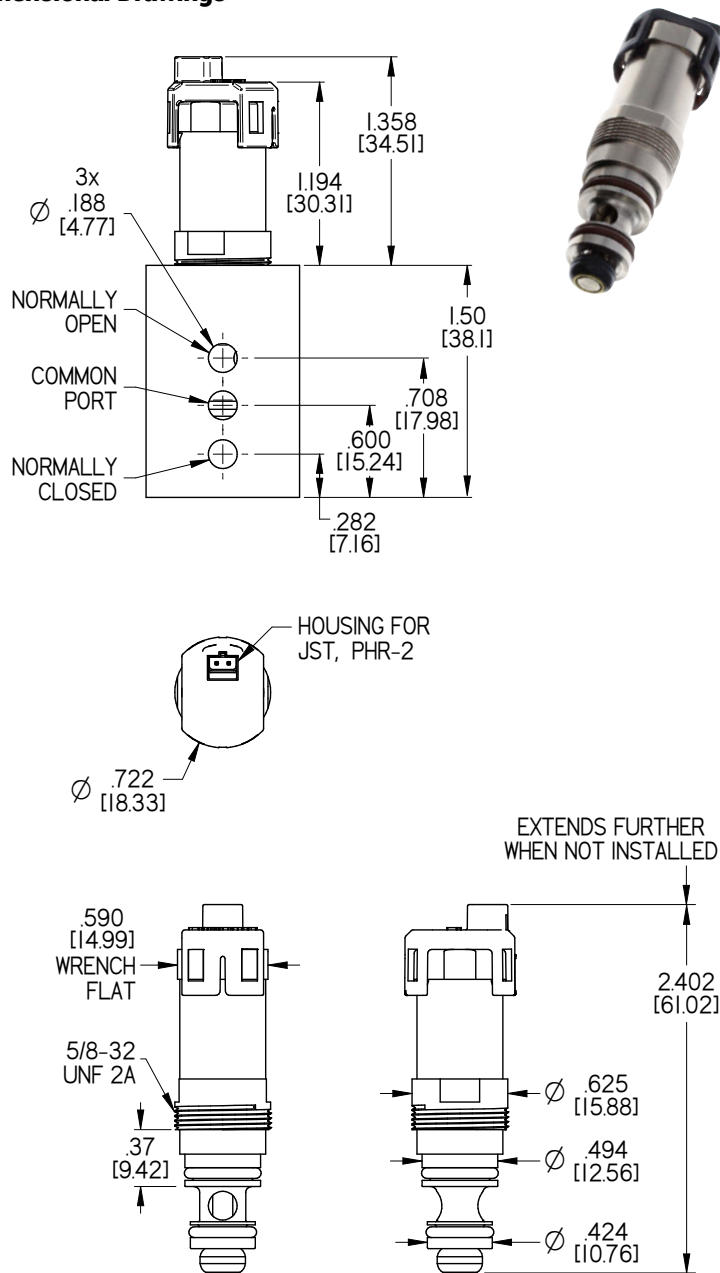


3-Port Cartridge Solenoid Valve

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

ENGINEERED SOLUTIONS

Custom Valve Solutions Tailored to Your Needs

Since 1990, Humphrey's Engineered Solutions Group has been developing valve solutions for clients whenever standard valves fall short on their performance and integration needs.

Using our range of proven actuation and sealing technologies, we collaborate with the customer to design and produce a perfect solution.

In fact, Humphrey Cornerstone Products are pneumatic and fluid handling valves developed by the Engineered Solutions Group.



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

Certified to the ISO 9001:2015 Standard.