

## Piezo Operated Pneumatic Valve

Part Number: Z5C035

- Versatile; may function as a proportional or traditional on/off valve.
- Ultra low power consumption.
- Light weight; just 7 grams.
- Precise; extremely repeatable.
- No heat rise.
- Quiet operation.
- Long service life.
- Compact, slim design.
- Suitable for medical and analytical fields, semiconductor manufacturing and portable, battery-operated applications.



### Optional Configurations



**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.



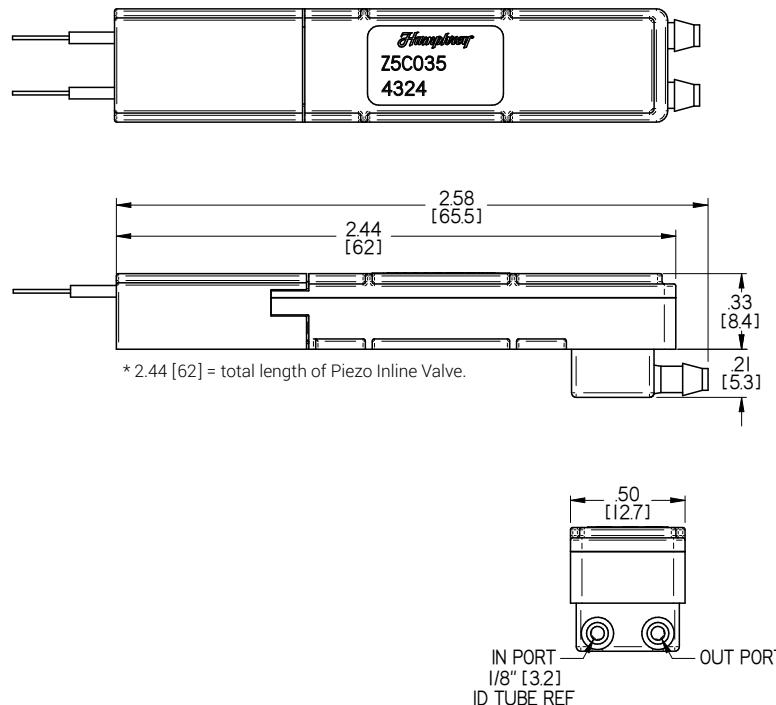
# Cornerstone Products

## Piezo Operated Pneumatic Valve

Part Number: Z5C035

SPECIFICATIONS	Z5C035
TYPE OF OPERATION	Direct Piezo
FUNCTION	2-Way, NC, Proportional
MEDIA	Clean Dry Air (CDA)
PIPING TYPE	Inline, Barb (1/8" ID tubing)
NUMBER OF PORTS	2
WETTED MATERIALS	EPDM
PRESSURE RANGE – PSI (BAR)	25" Hg - 30 (2.07)
HYSTERESIS	<10%
TYP MAXIMUM FLOW @ 30 PSI (BAR)	13 SLPM (2.07)
AMBIENT TEMPERATURE	32°-125°F (0°-52°C)
ELECTRICAL ENTRY	22 AWG (2)
OPERATING VOLTAGE RANGE	0-250 VDC
MAX POWER CONSUMPTION (W)	> 0.01
WEIGHT – OZ (GRAMS)	0.24 (6.8)
COMPLIANCE	RoHS

### Dimensional Drawings



[ ] = mm

### ENGINEERED SOLUTIONS

Custom Valve Solutions Tailored to Your Needs

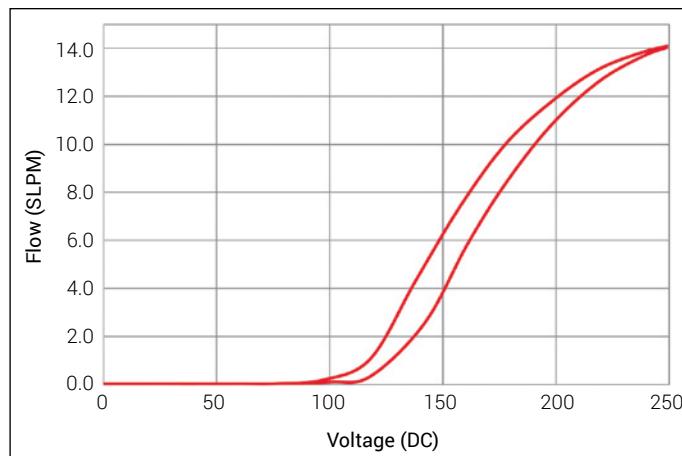


Since 1990, Humphrey's Engineered Solutions Group has been developing valve solutions for clients whenever standard valves fall short on their performance and integration needs.

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.

### Z5C035 TYPICAL Flow vs Voltage @ 30 PSI (2.07)



Certified to the ISO 9001:2015 Standard.

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**Z5C035**

Humphrey Products Company

5070 East N Avenue

Kalamazoo, MI 49048 USA

E: webcust@Humphrey-Products.com

P: 1.800.477.8705

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