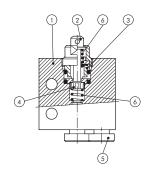


Pneumatic Manual Valves

Valve Symbols

Pneumatic Manual Valve Materials

- 1. Aluminum valve body
- 2. Chemically nickel-plated brass button
- 3. Brass distance plates
- 4. NBR gaskets
- 5. Stainless steel, brass and plastic push-to-connect cartridges
- 6. Stainless steel springs

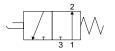


Pneumatic Metal Plunger Valves

These pneumatic valves are used with Nitra pneumatic pushbuttons and switches

Features

- Available in normally open or normally closed
- 5/32" [4mm] push-to-connect ports located on side or end



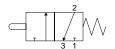


Diagram "A"

Diagram "B"



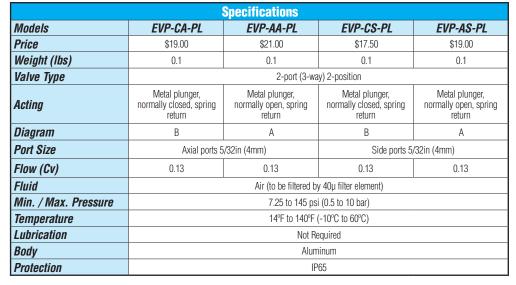
EVP-CA-PL

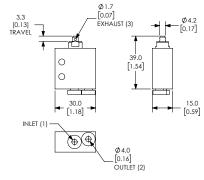


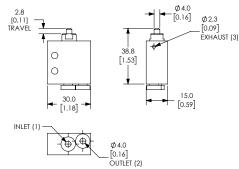
EVP-CS-PL

Dimensions

mm [inches]







EVP-CA-PL

[1.37]

15.0

2.8 [0.11] TRAVEL

0

30.0

EVP-AA-PL

See our website <u>www.AutomationDirect.com</u> for complete Engineering drawings.

EVP-CS-PL / EVP-AS-PL



Pneumatic Pushbuttons, 22mm

NITRA® pneumatic pushbuttons are all plastic and come with adapters to allow mounting of up to two 3-way valves, or one valve and one to three contact blocks. They fit in a standard 22.5mm hole, just like electrical pushbuttons.

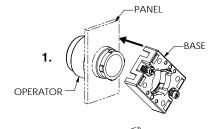
Features

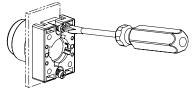
2.

- Plastic bezel and button
- · Valve adapters and mounting screws included
- · Valves sold separately
- Bases will work with GCX plastic operators and **only** the three ECX Series contact blocks shown below

| Pushbutton Specifications | |
|---------------------------|---|
| Operating Temperature | -13 to 158°F (-25 to +70°C) |
| Storage Temperature | -40 to 176°F (-40 to +80°C) |
| Mechanical Life | 1,000,000 cycles |
| Switching Cycles | 3600 cycles/hr |
| Mounting (Valve) | (4) M3x5 valve mounting screws included |
| Protection | IP65 after installation |
| Approvals | CE |

Adapter Block Installation



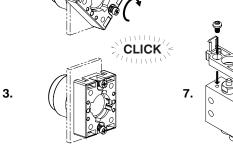


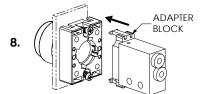
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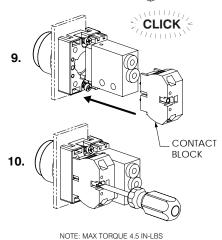




6. RETURN TO SCREW ONE AND TIGHTEN NOTE: MAX TORQUE 4.5 IN-LBS











ECX1040-2





ECX1042-2

ECX1030-2