

Pneumatic Selector Switches, 22mm Lever

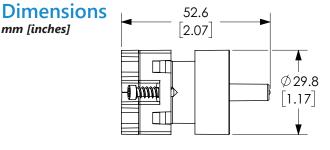
Knob selector switches

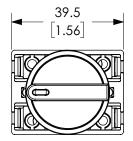
	Part Number	Color	Description	Weight (lbs)	Price
	<u>ECP3300</u>		NITRA pneumatic selector switch, IP65, 22mm, 2-position, maintained, plastic base, plastic bezel, operator only, Operator: black, knob, 30mm, round, plastic.	0.09	\$5.00
	<u>ECP3310</u>		NITRA pneumatic selector switch, IP65, 22mm, 2-position, spring return from right, plastic base, plastic bezel, operator only, Operator: black, knob, 30mm, round, plastic.	0.09	\$6.25
	<u>ECP3320</u>		NITRA pneumatic selector switch, IP65, 22mm, 3-position, maintained, plastic base, plastic bezel, operator only, Operator: black, knob, 30mm, round, plastic.	0.09	\$5.00
	<u>ECP3330</u>	Black	NITRA pneumatic selector switch, IP65, 22mm, 3-position, spring return to center from right or left, plastic base, plastic bezel, operator only, Operator: black, knob, 30mm, round, plastic.	0.09	\$6.00



ECP3300

ECP3320





Weight

Long lever selector switches

Part

mm [inches]



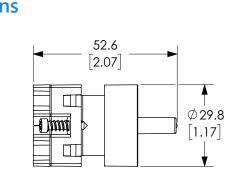
ECP3350

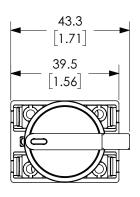
Color Description Price Number (lbs) NITRA pneumatic selector switch, IP65, 22mm, 2-position, maintained, ECP3350 Black plastic base, plastic bezel, operator only, Operator: black, lever, 30mm, 0.09 \$6.25 round, plastic. NITRA pneumatic selector switch, IP65, 22mm, 2-position, spring return from ECP3360 Black right, plastic base, plastic bezel, operator only, Operator: black, lever, 30mm, 0.09 \$6.50 round, plastic. NITRA pneumatic selector switch, IP65, 22mm, 3-position, maintained, plastic base, plastic bezel, operator only, Operator: black, lever, 30mm, ECP3370 Black 0.09 \$6.25 round, plastic. NITRA pneumatic selector switch, IP65, 22mm, 3-position, spring return to center from right or left, plastic base, plastic bezel, operator only, Operator: black, lever, 30mm, round, plastic. ECP3380 Black 0.09 \$6.50



Dimensio
mm [inches]

ECP3370





See our website www.AutomationDirect.com for complete Engineering drawings.

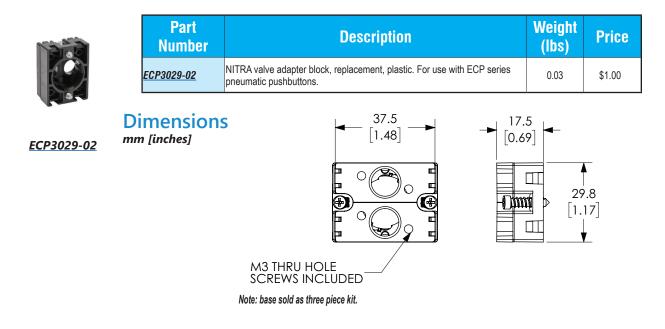


Pneumatic Key Selector Switches, 22mm

Key selector switches

	Part Number	Color	Description	Weight (lbs)	Price
	<u>ECP3420</u>	Black	NITRA pneumatic selector switch, IP65, 22mm, 2-position, maintained, key removable in all positions, plastic base, plastic bezel, operator only, Operator: black, key, 30mm, round, plastic.	0.17	\$12.00
(is	<u>ECP3430</u>	Black	NITRA pneumatic selector switch, IP65, 22mm, 2-position, spring return from right, key removable left position, plastic base, plastic bezel, operator only, Operator: black, key, 30mm, round, plastic.	0.17	\$12.00
<u>ECP3420</u>	<u>ECP3470</u>	Black	NITRA pneumatic selector switch, IP65, 22mm, 3-position, maintained, key removable in all positions, plastic base, plastic bezel, operator only, Operator: black, key, 30mm, round, plastic.	0.17	\$11.00
	<u>Ø</u>	Repla keyed	d switches come with two keys. All plastic 22mm keyed switches are keyed the same. cement keys are available. Order part no. ECX1067-2 (pkg. of 2). Keys for plastic 22mm I switches are not compatible with Cutler-Hammer key switches.	1	
	Dim mm [ii	ensio nches]	2005 49.4 [1.94] →		_
<u>ECP3470</u>					39.5 [1.56]

Pneumatic switch accessory - support base with adapters



See our website www.AutomationDirect.com for complete Engineering drawings.

1-800-633-0405



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.

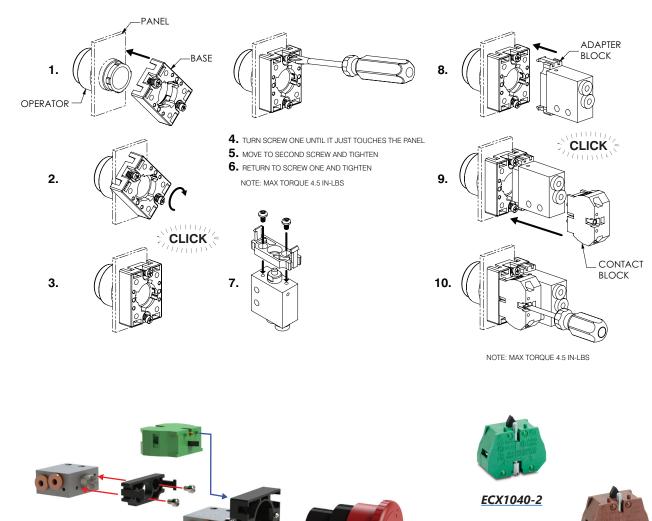
CE

Features

- 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

Adapter Block Installation

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			



ECX1030-2

ECX1042-2

Diagram "B"



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



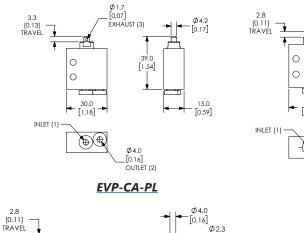
EVP-CA-PL

Models	EVP-CA-PL	EVP-AA-PL	EVP-CS-PL	EVP-AS-PL	
Price	\$21.50	\$23.50	\$19.00	\$21.50	
Weight (lbs)	0.1	0.1	0.1	0.1	
Valve Type	2-port (3-way) 2-position				
Acting	Metal plunger, normally closed, spring return	Metal plunger, normally open, spring return	Metal plunger, normally closed, spring return	Metal plunger, normally open, spring return	
Diagram	В	А	В	A	
Port Size	Axial ports 5	5/32in (4mm)	Side ports 5/32in (4mm)		
Flow (Cv)	0.13	0.13	0.13	0.13	
Fluid	Air (to be filtered by 40µ filter element)				
Min. / Max. Pressure	7.25 to 145 psi (0.5 to 10 bar)				
Temperature	14°F to 140°F (-10°C to 60°C)				
Lubrication	Not Required				
Body	Aluminum				
Protection IP65					

Specifications

EVP-CS-PL

Dimensions mm [inches]



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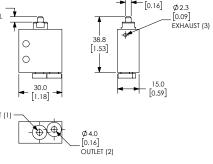
OUTLET (2)

Ø4.0

[0.16]

INLET (1)

EXHAUST (3)



EVP-AA-PL

See our website www.AutomationDirect.com for complete Engineering drawings.

EVP-CS-PL / EVP-AS-PL

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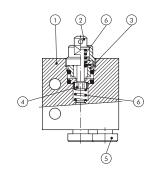


Diagram "A"