

Features

Materials of Construction	
Body:	Treated Brass
Gripping Ring:	Stainless Steel
Seals, Diaphragm:	Nitrile

Nomenclature	
Example: FC601-4-2	Attribute:
FC	Flow control
6	Blocking
0	Brass body
1	Tube x pipe
4	1/4 Tube O.D.
2	1/8 Pipe thread

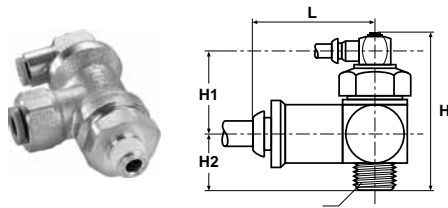
Applicable Tube	
Tube O.D.	1/8, 5/32, 1/4, 3/8
Tube O.D. (mm)	4, 6, 8, 10, 12, 14

Specifications	
Pressure Range:	15 to 145 PSI
Temperature Ranges:	-4° to 160°F
Number of Cycles	> 10 million at 68°F and 1 Hz
Leak Rate:	< 3.2 CCM
Working Fluid:	Compressed air



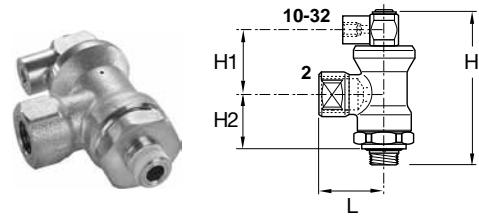
Blocking valves prevents damage to work and equipment in the event of a loss of pressure. Blocking valves which are mounted in pairs on a cylinder lock the piston by simultaneously cutting off the supply and exhaust. Functional locks are more precise and rapid when blocking valves are located on the cylinder: the volume of air in the pipework no longer needs to be taken into consideration.

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	Miniature Flow Controls
	Swivel Flow Controls
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	Check Valves
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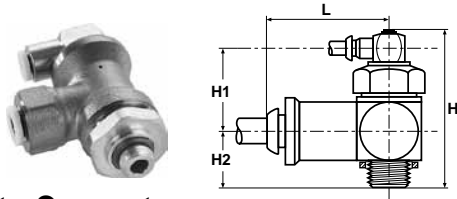
**FC601 Push-to-Connect Lock-Out Valves**

Part No.	Tube Size (in)	NPT	Hex (mm)	H	H1	H2	L
FC601-4-2	1/4	1/8	21	2.03	1.24	0.79	1.10
FC601-4-4	1/4	1/4	21	2.03	1.24	0.79	1.10
FC601-6-6	3/8	3/8	24	2.19	1.14	1.04	1.38
FC601-8-8	1/2	1/2	24	2.19	1.14	1.04	1.69



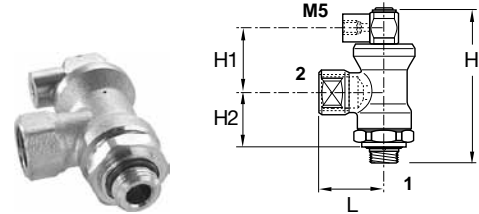
**FC602 Threaded Port Lock-Out Valves**

Part No.	1 NPT	2 NPT	Hex (mm)	H	H1	H2	L
FC602-2	1/4	1/8	21	2.03	1.24	0.79	1.04
FC602-4	1/4	1/4	21	2.03	1.24	0.79	1.04
FC602-6	3/8	3/8	24	2.19	1.14	1.04	1.34
FC602-8	1/2	1/2	24	2.19	1.14	1.04	1.57



**FC601 Push-to-Connect Lock-Out Valve - BSPP**

Part No.	Tube Size (mm)	BSPP	Hex 1 (mm)	H	H1	H2	L
FC601-6M-2G	6	1/8	21	53	24.5	21.0	28.0
FC601-6M-4G	6	1/4	21	53	24.5	21.0	28.0
FC601-8M-4G	8	1/4	21	53	24.5	21.0	28.0
FC601-8M-6G	8	3/8	24	56	25.0	23.0	34.5
FC601-10M-6G	10	3/8	24	56	25.0	23.0	35.0
FC601-12M-8G	12	1/2	24	56	25.0	23.0	37.5



**FC608 Threaded Port Lock-Out Valve - BSPP**

Part No.	BSPP 1	BSPP 2	Hex 1 (mm)	H	H1	H2	L
FC608-4G-2G	1/8	1/4	21	53	24.5	21.0	28.0
FC608-4G-4G	1/4	1/4	21	53	24.5	21.0	28.0
FC608-6G-6G	3/8	3/8	24	56	25.0	23.0	34.0
FC608-8G-8G	1/2	1/2	24	56	25.0	23.0	41.0

**C**

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