



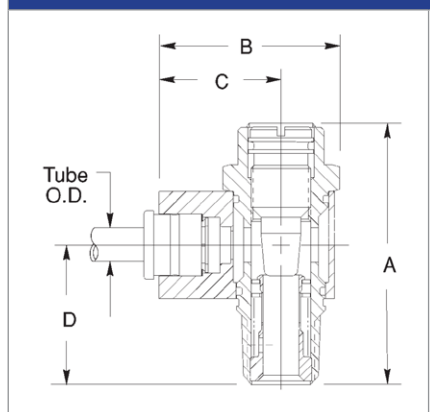
Flotronics Automation is an Authorized Distributor for AVENTICS (Numatics) Pneumatic Components including their FCRN Series Right Angle Flow Controls

The FCRN Series Flow Controls are tough and offer a durable construction featuring an anodized aluminum body and stainless steel screw. They are available in 5 different body sizes, come with screwdriver or knob style adjustment and are available with either female NPT, female G/BSPP or push-In tube ports.

SPECIFICATIONS

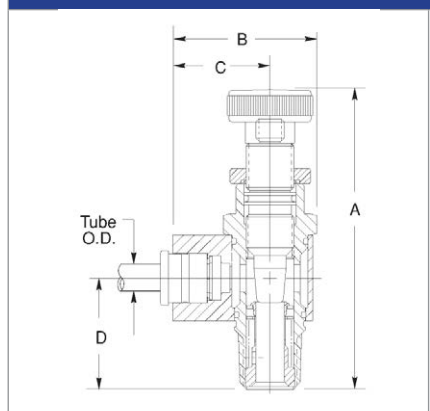
FLOW CONTROL TYPE	OPERATING PRESSURE	TEMP RANGE	MATERIALS	MEDIA
Right Angle	175 psi (12 bar)	0 °F to 160 °F	Body: Anodized Aluminum Cartridge: Nickel-plated Brass Screw: Stainless Steel Spring: Stainless Steel Seals: Buna-N	Filtered Air [5 Micron]

SCREWDRIVER ADJUST STYLE - HOW TO ORDER/DIMENSIONS



Ports NPTF	Without Push-in	With Push-in	Tube Diameter (Tube O.D.)	A	B	C	D
10-32	0FCRN	0FPRN4 0FPRN5	1/8 5/32	0.81	0.62	0.43	0.38
1/8	1FCRN	1FPRN8 1FPRN5	1/4 5/32	1.41	0.98	0.65	0.79
1/4	2FCRN	2FPRN8 2FPRN12	1/4 3/8	1.7	1.28	0.91	1.07
3/8	3FCRN	3FPRN12 3FPRN16	3/8 1/2	2.19	1.45	1.02	1.15
1/2	4FCRN	4FPRN12 4FPRN16	3/8 1/2	2.74	1.84	1.28	1.47

KNOB ADJUST STYLE - HOW TO ORDER/DIMENSIONS



Ports NPTF	Without Push-in	With Push-in	Tube Diameter (Tube O.D.)	A	B	C	D
10-32	0FCTN	0FPTN4 0FPTN5	1/8 5/32	1.21	0.62	0.43	0.69
1/8	1FCTN	1FPTN8 1FPTN5	1/4 5/32	2.21	0.98	0.65	1.00
1/4	2FCTN	2FPTN8 2FPTN12	1/4 3/8	2.50	1.28	0.91	1.03
3/8	3FCTN	3FPTN12 3FPTN16	3/8 1/2	3.23	1.45	1.02	1.30
1/2	4FCTN	4FPTN12 4FPTN16	3/8 1/2	3.96	1.84	1.28	1.40

Metric Flow Controls

Change N to G in part number for BSPP thread or tube option.
For example, change 0FCTN to 0FCTG or change 0FTPTN4 to 0FTPTG4.

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sales@flotronicsautomation.com

Flotronics Automation
2704 Paldan Dr. | Auburn Hills, MI 48326

www.flotronicsautomation.com

Phone: East 248-625-8990 | West 616-682-7013
Fax: 248-625-8818



Flotronics Automation is an Authorized Distributor for AVENTICS (Numatics) Pneumatic Components including their FC Series Inline Flow Controls

The FC Series Flow Controls are tough and offer a durable construction featuring an anodized aluminum body and stainless steel screw. They are available in 3 different body sizes, come with screwdriver or knob style adjustment* and are available with either female NPT or female G/BSPP ports.

SPECIFICATIONS

FLOW CONTROL TYPE	OPERATING PRESSURE	TEMP RANGE	MATERIALS	MEDIA
Inline	175 psi (12 bar)	0 °F to 160 °F	Body: Anodized Aluminum Cartridge: Nickel-plated Brass Screw: Stainless Steel Spring: Stainless Steel Seals: Buna-N	Filtered Air [5 Micron]

FC1 - HOW TO ORDER/DIMENSIONS

FC1 - HOW TO ORDER/DIMENSIONS

Technical drawing of the FC1 valve without a knob. The front view shows dimension B. The side cross-section view shows dimensions A and C. The cross-section shows the internal flow path with an arrow labeled "FREE FLOW". A label "Nut 128-157" points to the top nut.

Technical drawing of the FC1 valve with a knob. The front view shows dimension B. The side cross-section view shows dimensions A, C, and D. The cross-section shows the internal flow path with an arrow labeled "FREE FLOW". Labels include "Knob 123-121 (Includes set screw)" and "Nut 128-161".

Ports NPTF	Without Knurled Knob	With Knurled Knob	Cv	A	B	C	D
1/8	1FC1	1FC1K	0.22	1.50	0.75	1.08	1.66
1/4	2FC1	2FC1K	0.22	1.50	0.75	1.08	1.66

FC2 & FC3 - HOW TO ORDER/DIMENSIONS

(*Not available with knob adjustment)

FC2 & FC3 - HOW TO ORDER/DIMENSIONS

(*Not available with knob adjustment)

Technical drawings of FC2 and FC3 valves. The left drawing shows the FC2 valve with dimensions B (width) and C (height). The right drawing shows the FC3 valve with dimension A (width) and a cross-section view. The cross-section shows the internal flow path with an arrow labeled "FREE FLOW" pointing to the left. A label "Center Line Of Optional Bottom Port" points to the bottom of the valve body.

Ports NPTF	Without Bottom Port	With Bottom Port	Cv	A	B	C
1/4	2FC2	2FC2B	2.3	2.34	1.06	2.21
3/8	3FC2	3FC2B	2.7	2.34	1.06	2.21

Ports NPTF	Without Bottom Port	With Bottom Port	Cv	A	B	C
1/2	4FC3	4FC3B	6.0	3.28	1.50	3.17
3/4	5FC3	5FC3B	7.5	3.28	1.50	3.17



Did you know Flotronics Automation offers **pressure switches, gauges and other pressure sensors**? Contact us for a quote today!