

**Features**

Materials of Construction	
Body (Depending upon the Model):	<ul style="list-style-type: none"> <li>• Glass reinforced nylon 6.6</li> <li>• Brass</li> </ul>
Gripping Ring:	Stainless Steel
Adjustment Screws	Nickel-plated brass
Locking Nut:	Nickel-plated brass
Base:	Nickel-plated brass

Nomenclature	
Example: FCM731-4-2	Attribute:
FC	Flow control
M	Miniature
7	Right angle
3	Nylon 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
Tube O.D. (mm)	3, 4, 6, 8

Specifications	
Pressure Range:	15 to 145 PSI
Temperature Ranges:	30° to 160°F
Working Fluid:	Compressed air



The miniature flow control regulator is especially adapted for all very small sized pneumatic applications (micro-pneumatic in particular). They are specifically designed for use with small bore cylinders (pancake / flat cylinders). Miniature flow control regulators are available in meter out, meter in and bi-directional versions.

C

Product Index

Compact Flow Controls

Miniature Flow Controls

Swivel Flow Controls

Plug-in Flow Controls

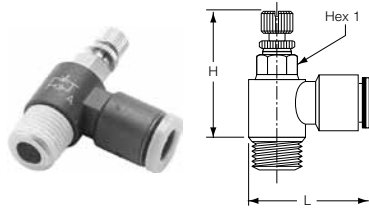
In-Line Flow Controls

Metal Flow Controls

Check Valves

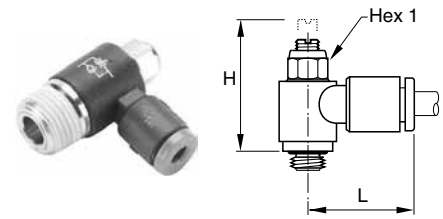
Blocking Valves

Threshold Sensors



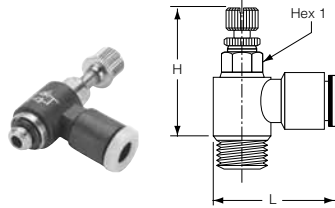
**FCM731 Miniature Meter Out Flow Control**

Part No.	Tube Size (In)	NPT	Hex 1 mm	H Open	H Closed	L
FCM731-2-0	1/8	10-32	6	1.14	0.91	0.67
FCM731-2-2	1/8	1/8	7	1.41	1.26	0.69
FCM731-5/32-0	5/32	10-32	6	1.02	0.93	0.67
FCM731-5/32-2	5/32	1/8	7	1.16	1.06	0.71
FCM731-4-0	1/4	10-32	6	1.02	0.93	0.73
FCM731-4-2	1/4	1/8	7	1.16	1.06	0.75
FCM731-4-4	1/4	1/4	8	1.28	1.18	0.77



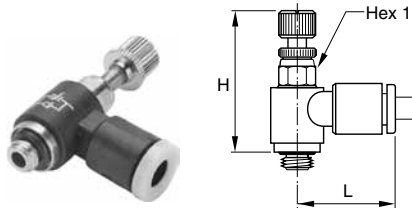
**FCMK731 Knobless Mini Meter Out Flow Control**

Part No.	Tube Size (In)	NPT	Hex 1 mm	H Open	H Closed	L
FCMK731-2-0	1/8	10-32	6	0.79	0.65	0.65
FCMK731-2-2	1/8	1/8	6	0.85	0.71	0.71
FCMK731-5/32-0	5/32	10-32	6	0.79	0.65	0.65
FCMK731-5/32-2	5/32	1/8	6	0.85	0.71	0.71
FCMK731-4-0	1/4	10-32	6	0.79	0.65	0.65
FCMK731-4-2	1/4	1/8	6	0.85	0.71	0.73
FCMK731-4-4	1/4	1/4	6	0.97	0.83	0.73



**FCM731 Miniature Flow Control - BSPP**

Part No.	Tube Size (mm)	BSPP	Hex 1	H Closed	H Open	L
FCM731-3M-M3	3	M3x0.5	6	23.5	26.0	17.0
FCM731-3M-M5	3	M5x0.8	6	23.5	26.0	17.0
FCM731-4M-M3	4	M3x0.5	6	23.5	26.0	16.5
FCM731-4M-M5	4	M5x0.8	6	23.5	26.0	17.0
FCM731-4M-2G	4	1/8	7	27.0	29.5	18.0
FCM731-6M-M5	6	M5x0.8	6	23.5	26.0	18.0
FCM731-6M-2G	6	1/8	7	27.0	29.5	18.5
FCM731-6M-4G	6	1/4	8	30.0	32.5	19.0
FCM731-8M-2G	8	1/8	13	26.5	31.0	26.0
FCM731-8M-4G	8	1/4	16	29.0	34.0	27.5
FCM731-8M-6G	8	3/8	20	36.0	42.0	29.0



**FCMB731 Miniature Bi-directional Flow Control - BSPP**

Part No.	Tube Size (mm)	BSPP	Hex 1	H Closed	H Open	L
FCMB731-4M-M5	4	M5x0.8	6	23.5	26.0	16.5
FCMB731-4M-2G	4	1/8	7	27.0	29.5	17.0
FCMB731-6M-M5	6	M5x0.8	6	23.5	26.0	18.0
FCMB731-6M-2G	6	1/8	7	27.0	29.5	18.0
FCMB731-6M-4G	6	1/4	8	30.0	32.5	18.5

C	Product Index
Compact Flow Controls	
Miniature Flow Controls	
Swivel Flow Controls	
Plug-In Flow Controls	
In-Line Flow Controls	
Metal Flow Controls	
Check Valves	
Blocking Valves	
Threshold Sensors	