



# Pneumatic: Integrated Fittings

Compact Flow Controls

Miniature Flow Controls

Swivel Outlet Flow Controls

Plug-in Flow Controls

In-Line Flow Controls

Metal Flow Controls

Stainless Steel Flow Controls

Check Valves

Stainless Check Valves

Pilot Operated Check Valves

Slide Valves

Quick Exhaust





























Blocking Valves




























Slow Start Valves

Threshold Sensor

Mini Ball Valves



<b>Compact Flow Controls</b>	<b>FC731</b> Meter Out	<b>FC731</b> Meter Out - BSPT	<b>FC731</b> Meter Out - BSPP	<b>FCCI731</b> Meter In	<b>FCCI731</b> Meter In - BSPT	<b>FCCI731</b> Meter In - BSPP
	 p. B7	 p. B7	 p. B7	 p. B7	 p. B7	 p. B7
<b>FCCB731</b> Bi-Directional	<b>FCCB731</b> Bi-Directional - BSPT	<b>FCCB731</b> Bi-Directional - BSPP	<b>FCKC731</b> Meter Out Knobless	<b>FCKC731</b> Meter Out Knobless - BSPP	<b>FCKCI731</b> Meter In Knobless	<b>FCKCI731</b> Meter In Knobless - BSPP
 p. B8	 p. B8	 p. B8	 p. B8	 p. B8	 p. B9	 p. B9
<b>FCKCB731</b> Bi-directional Knobless - BSPP	<b>FCK701C</b> Knobless Compression Metal - BSPP	<b>Miniature Flow Controls</b>	<b>FCM731</b> Meter Out	<b>FCMI731</b> Meter In	<b>FCM731</b> Meter Out - BSPT	<b>FCMI731</b> Meter In - BSPT
 p. B9	 p. B9		 p. B11	 p. B11	 p. B11	 p. B11
<b>FCM731</b> Meter Out - BSPP	<b>FCMI731</b> Meter In - BSPP	<b>FCMB731</b> Bi-directional - BSPP	<b>FCMK731</b> Meter Out Knobless	<b>Swivel Outlet Flow Controls</b>	<b>FCCS731</b> Meter Out	<b>FCCS731</b> Meter Out - BSPT
 p. B11	 p. B12	 p. B12	 p. B12		 p. B14	 p. B14
<b>FCCSI731</b> Meter In - BSPP	<b>FCMS731</b> Meter Out Miniature	<b>FCMS731</b> Meter Out Miniature - BSPT	<b>FCMS731</b> Meter Out Miniature - BSPP	<b>FCMSI731</b> Meter In Miniature - BSPP	<b>FCCS731</b> Meter Out - BSPP	
 p. B14	 p. B15	 p. B15	 p. B15	 p. B15	 p. B15	
<b>Plug-In Flow Controls</b>	<b>FCMSP731</b> Meter Out miniature	<b>FCMSPI731</b> Meter In Miniature	<b>FCMSP701</b> Meter Out miniature	<b>FCMSPI731</b> Meter In Miniature	<b>FCCSP731</b> Meter Out Compact	<b>FCCSPI731</b> Meter In Compact
	 p. B17	 p. B17	 p. B17	 p. B17	 p. B17	 p. B17
<b>In-Line Flow Controls</b>	<b>FC832</b> In-Line	<b>FCB832</b> Bi-directional	<b>FC832</b> In-Line Metric	<b>FCB832</b> Bi-directional Metric	<b>FCPM832</b> Panel Mountable	<b>FC836</b> Threaded In-Line
	 p. B19	 p. B19	 p. B19	 p. B19	 p. B20	 p. B20
<b>FC836</b> Threaded In-Line Metric	<b>Metal Flow Controls</b>	<b>FC705</b> Meter Out	<b>FC701</b> Meter Out - BSPP	<b>FCI701</b> Meter In - BSPP	<b>FC708</b> Meter Out	<b>FC702</b> Meter Out - BSPP
 p. B20		 p. B22	 p. B22	 p. B22	 p. B22	 p. B22

<p><b>FCI702</b> Meter In - BSPP</p>  <p>p. B22</p>	<p><b>Stainless Steel Flow Controls</b></p>		<p><b>7810</b> Meter Out - BSPP</p>  <p>p. B24</p>	<p><b>7812</b> Bi-directional BSPP</p>  <p>p. B24</p>	<p><b>7810,7815</b> Meter Out - NPT</p>  <p>p. B24</p>	<p><b>7812, 7817</b> Bi-directional NPT</p>  <p>p. B24</p>	<p><b>7835</b> Meter Out NPT</p>  <p>p. B24</p>	
<p><b>Check Valves</b></p>			<p><b>32PLCK</b> In-Line</p>  <p>p. B26</p>	<p><b>32PLCK</b> In-Line - Metric</p>  <p>p. B26</p>	<p><b>W68PLCK</b> Meter Out</p>  <p>p. B26</p>	<p><b>W68PLCKI</b> Meter In</p>  <p>p. B26</p>	<p><b>W68PLCK</b> Meter Out - BSPT</p>  <p>p. B26</p>	<p><b>W68PLCKI</b> Meter In - BSPT</p>  <p>p. B26</p>
<p><b>68PLCK</b> Meter Out - BSPP</p>  <p>p. B27</p>	<p><b>68PLCKI</b> Meter In - BSPP</p>  <p>p. B27</p>	<p><b>VC</b> Check Valve</p>  <p>p. B27</p>	<p><b>Stainless Steel Check Valves</b></p>		<p><b>4890</b> Unidirectional BSPP</p>  <p>p. B29</p>	<p><b>4895</b> Unidirectional NPT</p>  <p>p. B29</p>	<p><b>4891</b> Male x Female BSPP</p>  <p>p. B29</p>	
<p><b>4892</b> Female x Male BSPP</p>  <p>p. B29</p>	<p><b>Pilot Operated Check Valves</b></p>		<p><b>7892</b> BSPP</p>  <p>p. B31</p>	<p><b>7894</b> Regulator &amp; Exhaust BSPP</p>  <p>p. B31</p>	<p><b>Pneumatic Slide Valves</b></p>		<p><b>0660</b> Female NPT</p>  <p>p. B33</p>	<p><b>0661</b> Male x Female NPT</p>  <p>p. B33</p>
<p><b>0669</b> Female BSPP</p>  <p>p. B33</p>	<p><b>Quick Exhaust</b></p>		<p><b>7922</b> NPT</p>  <p>p. B34</p>	<p><b>Blocking Valves</b></p>		<p><b>FC601</b> Lock Out</p>  <p>p. B36</p>	<p><b>FC601</b> Lock Out - BSPT</p>  <p>p. B36</p>	<p><b>FC601</b> Lock Out - BSPP</p>  <p>p. B36</p>
<p><b>FC602</b> Lock Out</p>  <p>p. B36</p>	<p><b>FC608</b> Lock Out - BSPT</p>  <p>p. B36</p>	<p><b>FC608</b> Lock Out - BSPP</p>  <p>p. B36</p>	<p><b>Slow Start Valves</b></p>		<p><b>FC908</b> System Isolating</p>  <p>p. B38</p>	<p><b>FC908</b> Isolated Component - BSPP</p>  <p>p. B38</p>	<p><b>FCI908</b> Isolated Component - BSPP</p>  <p>p. B38</p>	
<p><b>Threshold Sensor</b></p>			<p><b>PSBJ731</b> Pneumatic 5/32 Pilot</p>  <p>p. B40</p>	<p><b>PSBJ731</b> Pneumatic 4mm Pilot</p>  <p>p. B40</p>	<p><b>PSPJ731</b> Pneumatic 10-32 Pilot</p>  <p>p. B40</p>	<p><b>PSBJ708</b> Pneumatic M5 Pilot</p>  <p>p. B40</p>	<p><b>PSPE731</b> Pneumatic / Electric - BSPP</p>  <p>p. B40</p>	
<p><b>Mini Ball Valve</b></p>			<p><b>MVV309</b> Push-to-Connect Ports</p>  <p>p. B42</p>	<p><b>MV308</b> Male BSPP</p>  <p>p. B42</p>	<p><b>MV309</b> Push-to-Connect Ports, Vented</p>  <p>p. B42</p>	<p><b>MVV308</b> Male BSPP, Vented</p>  <p>p. B42</p>	<p><b>MVV308</b> Male NPT, Vented</p>  <p>p. B42</p>	

# Compact Flow Controls



Parker's compact flow controls ensure excellent performance of flow and are perfectly suited for reduced spaces due to their small size.

## Product Features:

- Glass reinforced nylon 6.6 body
- Stainless steel gripping ring
- Nickel-plated brass adjustment screw
- Nickel-plated brass locking nut
- Nickel-plated brass threads
- Nitrile D seal
- NPT
- BSPT
- BSPP
- Metric threads

## Markets:

- Factory/Process Automation
- Life Science
- Food Processing
- Water And Beverage
- Petrochemical

## Applications:

- Packaging
- Filling
- Dispensing
- Bottling
- Pneumatic Circuits

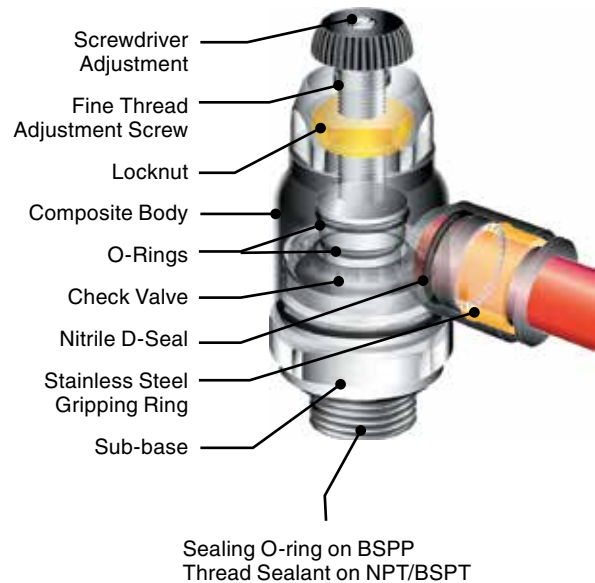
## Specifications:

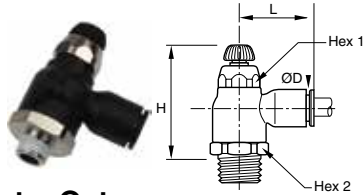
**Pressure Range** 15 to 145 psi

**Temperature Range** 30° to 160°F

## Compatible Tubing:

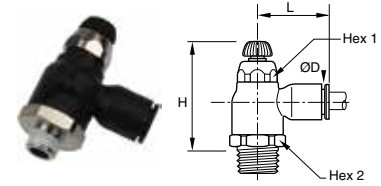
- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer





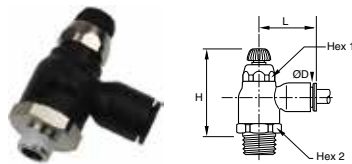
### FCC731 Compact Meter Out

PART NO.	TUBE SIZE (IN)	NPT	HEX 1	HEX 2	H OPEN	H CLOSED	L
FCC731-5/32-2	5/32	1/8	0.63	0.39	1.67	1.44	0.85
FCC731-5/32-4	5/32	1/4	0.63	0.39	1.67	1.44	0.85
FCC731-4-2	1/4	1/8	0.63	0.39	1.67	1.44	0.85
FCC731-4-4	1/4	1/4	0.63	0.39	1.67	1.44	0.85
FCC731-6-4	3/8	1/4	0.91	0.67	2.03	1.71	1.22
FCC731-6-6	3/8	3/8	0.91	0.67	2.03	1.71	1.22
FCC731-6-8	3/8	1/2	.67	.91	2.03	1.71	1.22



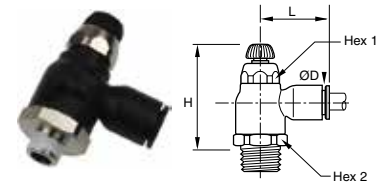
### FCCI731 Compact Meter In Flow Control

PART NO.	TUBE SIZE (IN)	NPT	HEX 1	HEX 2	H OPEN	H CLOSED	L
FCCI731-5/32-2	5/32	1/8	0.63	0.39	1.67	1.44	0.85
FCCI731-5/32-4	5/32	1/4	0.63	0.39	1.67	1.44	0.85
FCCI731-4-2	1/4	1/8	0.63	0.39	1.67	1.44	0.85
FCCI731-4-4	1/4	1/4	0.63	0.39	1.67	1.44	0.85



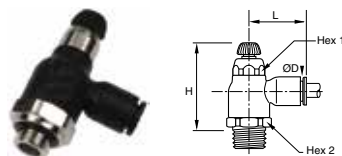
### FCC731 Compact Meter Out - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCC731-6M-2R	6	1/8	16	10	36.5	42.5	22.0
FCC731-8M-2R	8	1/8	19	14	40.0	45.0	27.0
FCC731-8M-4R	8	1/4	19	14	40.0	45.0	27.0
FCC731-10M-4R	10	1/4	23	17	43.5	51.5	31.5
FCC731-10M-6R	10	3/8	23	17	43.5	51.5	31.5
FCC731-10M-8R	10	1/2	23	17	43.5	51.5	31.5
FCC731-12M-4R	12	1/4	23	17	43.5	51.5	35.0
FCC731-12M-6R	12	3/8	23	17	43.5	51.5	35.0
FCC731-12M-8R	12	1/2	23	17	43.5	51.5	35.0



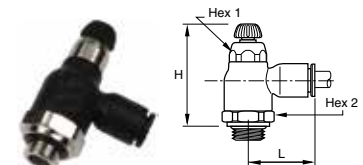
### FCCI731 Compact Meter In Flow Control - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCCI731-10M-4R	10	1/4	23	17	43.5	51.5	31.5
FCCI731-10M-6R	10	3/8	23	17	43.5	51.5	31.5
FCCI731-10M-8R	10	1/2	23	17	43.5	51.5	31.5
FCCI731-12M-4R	12	1/4	23	17	43.5	51.5	35.0
FCCI731-12M-6R	12	3/8	23	17	43.5	51.5	35.0
FCCI731-12M-8R	12	1/2	23	17	43.5	51.5	35.0



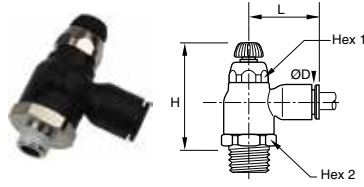
### FCC731 Compact Meter Out - BSPP

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCC731-4M-2G	4	1/8	10	16	38.0	44.0	22.0
FCC731-6M-2G	6	1/8	10	16	38.0	44.0	22.0
FCC731-6M-4G	6	1/4	10	16	36.5	42.5	22.0
FCC731-8M-2G	8	1/8	14	19	41.5	48.0	28.0
FCC731-8M-4G	8	1/4	14	19	41.5	48.0	28.0
FCC731-8M-6G	8	3/8	14	19	41.5	48.0	28.0
FCC731-10M-4G	10	1/4	17	23	45.5	53.5	31.5
FCC731-10M-6G	10	3/8	17	23	45.5	54.0	31.5
FCC731-12M-6G	12	3/8	17	23	45.5	54.0	35.0
FCC731-12M-8G	12	1/2	17	24	45.5	54.0	35.0



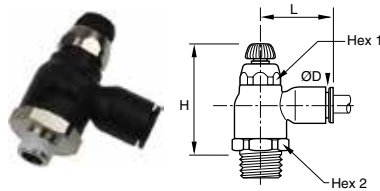
### FCCI731 Compact Meter In Flow Control - BSPP

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCCI731-4M-2G	4	1/8	10	16	38.0	44.0	22.0
FCCI731-6M-2G	6	1/8	10	16	38.0	44.0	22.0
FCCI731-6M-4G	6	1/4	10	16	36.5	42.5	22.0
FCCI731-8M-2G	8	1/8	14	19	41.5	48.0	28.0
FCCI731-8M-4G	8	1/4	14	19	41.5	48.0	28.0
FCCI731-8M-6G	8	3/8	14	19	41.5	48.0	28.0
FCCI731-10M-4G	10	1/4	17	23	45.5	53.5	31.5
FCCI731-10M-6G	10	3/8	17	23	45.5	54.0	31.5
FCCI731-12M-8G	12	1/2	17	24	45.5	54.0	35.0



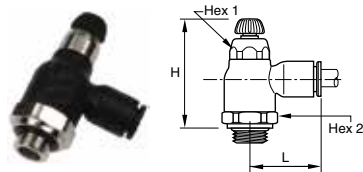
### FCCB731 Compact Bi-Directional Flow Control

PART NO.	TUBE SIZE (IN)	NPT	HEX 1	HEX 2	H OPEN	H CLOSED	L
FCCB731-5/32-2	5/32	1/8	0.63	0.39	1.67	1.44	0.85
FCCB731-4-2	1/4	1/8	0.63	0.39	1.67	1.44	0.85
FCCB731-4-4	1/4	1/4	0.63	0.39	1.67	1.44	0.85



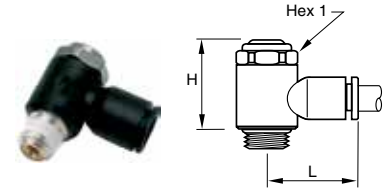
### FCCB731 Compact Bi-directional Flow Control - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCCB731-4M-2R	4	1/8	16	10	36.5	42.5	22.0
FCCB731-6M-2R	6	1/8	16	10	36.5	42.5	22.0
FCCB731-6M-4R	6	1/4	16	10	36.5	42.5	22.0
FCCB731-8M-2R	8	1/8	19	14	40.0	45.0	27.0
FCCB731-8M-4R	8	1/4	19	14	40.0	45.0	27.0
FCCB731-8M-6R	8	3/8	19	14	40.0	45.0	27.0



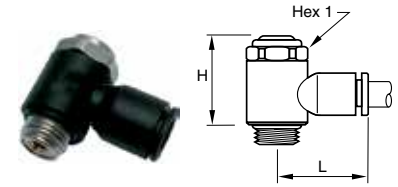
### FCCB731 Compact Bi-directional Flow Control - BSPP

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCCB731-4M-2G	4	1/8	10	16	38.0	44.0	22.0
FCCB731-6M-2G	6	1/8	10	16	38.0	44.0	22.0
FCCB731-6M-4G	6	1/4	10	16	36.5	42.5	22.0
FCCB731-8M-2G	8	1/8	14	19	41.5	48.0	28.0
FCCB731-8M-4G	8	1/4	14	19	41.5	48.0	28.0
FCCB731-8M-6G	8	3/8	14	19	41.5	48.0	28.0



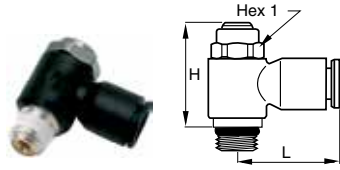
### FCKC731 Knobless Meter Out Flow Control

ART NO.	TUBE SIZE (IN)	NPT / UNF	HEX 1 MM	H	L
FCKC731-2-0	1/8	10-32		0.69	0.65
FCKC731-2-2	1/8	1/8	13	0.79	0.75
FCKC731-5/32-0	5/32	10-32		0.69	0.65
FCKC731-5/32-2	5/32	1/8	13	0.79	0.75
FCKC731-4-0	1/4	10-32		0.69	0.77
FCKC731-4-2	1/4	1/8	13	0.79	0.85
FCKC731-4-4	1/4	1/4	17	1.04	0.89
FCKC731-5-2	5/16	1/8	13	0.79	1.02
FCKC731-5-4	5/16	1/4	17	1.04	1.06
FCKC731-6-4	3/8	1/4	17	1.04	1.14
FCKC731-6-6	3/8	3/8	20	1.14	1.36



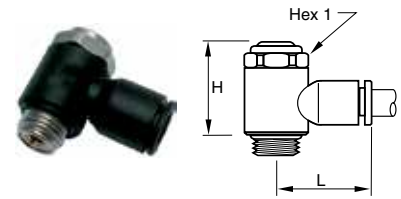
### FCKC731 Knobless Compact Flow Control - BSPP

PART NO.	TUBE SIZE (MM)	BSPP / M5	HEX 1	H	L
FCKC731-4M-M5	4	M5X0.8	8.0	17.5	17.0
FCKC731-4M-2G	4	1/8	13.0	25.0	19.0
FCKC731-6M-M5	6	M5X0.8	8.0	17.5	19.0
FCKC731-6M-2G	6	1/8	13.0	25.0	21.0
FCKC731-6M-4G	6	1/4	17.0	26.5	22.0
FCKC731-8M-2G	8	1/8	13.0	25.0	26.0
FCKC731-8M-4G	8	1/4	17.0	26.5	27.0
FCKC731-8M-6G	8	3/8	20.0	37.5	29.0
FCKC731-10M-4G	10	1/4	17.0	26.5	29.0
FCKC731-10M-6G	10	3/8	20.0	37.5	31.0
FCKC731-10M-8G	10	1/2	23.0	43.0	37.0
FCKC731-12M-6G	12	3/8	20.0	37.5	6.8
FCKC731-12M-8G	12	1/2	23.0	43.0	37.0



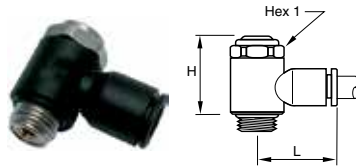
**FCKCI731 Knobless Meter In Flow Control**

PART NO.	TUBE SIZE (IN)	NPT / UNF	HEX 1 MM	H	L
FCKCI731-5/32-0	5/32	10-32	8	0.69	0.65
FCKCI731-5/32-2	5/32	1/8	13	0.79	0.75
FCKCI731-4-0	1/4	10-32	8	0.69	0.77
FCKCI731-4-2	1/4	1/8	13	0.79	0.85
FCKCI731-4-4	1/4	1/4	17	1.04	0.89



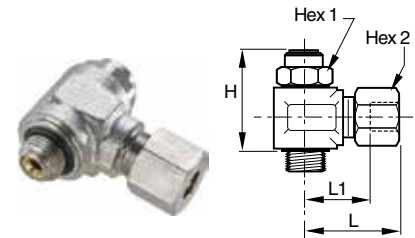
**FCKCB731 Knobless Bi-directional Flow Control - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP / M5	HEX 1	H	L
FCKCB731-4M-M5	4	M5X0.8	8	17.5	17.0
FCKCB731 -4M-2G	4	1/8	13	25.0	19.0
FCKCB731 -6M-M5	6	M5X0.8	8	17.5	19.0
FCKCB731 -6M-2G	6	1/8	13	25.0	21.0
FCKCB731 -6M-4G	6	1/4	17	26.5	22.0
FCKCB731 -8M-2G	8	1/8	13	25.0	26.0
FCKCB731 -8M-4G	8	1/4	17	26.5	27.0
FCKCB731 -8M-6G	8	3/8	20	37.5	29.0



**FCKCI731 Knobless Compact Meter In Flow Control-BSPP**

PART NO.	TUBE SIZE (MM)	BSPP / M5	HEX 1	H	L
FCKCI731-4M-M5	4	M5X0.8	8.0	17.5	17.0
FCKCI731-4M-2G	4	1/8	13.0	25.0	19.0
FCKCI731-6M-M5	6	M5X0.8	8.0	17.5	19.0
FCKCI731-6M-2G	6	1/8	13.0	25.0	21.0
FCKCI731-6M-4G	6	1/4	17.0	26.5	22.0
FCKCI731-8M-2G	8	1/8	13.0	25.0	26.0
FCKCI731-8M-4G	8	1/4	17.0	26.5	27.0
FCKCI731-8M-6G	8	3/8	20.0	37.5	29.0
FCKCI731-10M-4G	10	1/4	17.0	26.5	29.0
FCKCI731-10M-6G	10	3/8	20.0	37.5	31.0



**FCK701C Knobless Compression Metal Flow Control - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H	L	L1
FCK701C-4M-2G	4	1/8	13	10	26.0	25.5	14.5
FCK701C-6M-2G	6	1/8	13	13	26.0	25.5	14.5
FCK701C-6M-4G	6	1/4	17	13	31.5	28.5	17.5
FCK701C-8M-2G	8	1/8	13	14	26.0	29.5	15.5
FCK701C-8M-4G	8	1/4	17	14	31.5	31.0	17.0
FCK701C-10M-4G	10	1/4	17	19	31.5	35.0	19.0
FCK701C-10M-6G	10	3/8	20	19	44.5	37.5	19.0
FCK701C-10M-8G	10	1/2	23	19	50.0	37.5	19.0
FCK701C-12M-6G	12	3/8	20	22	44.5	38.0	21.5
FCK701C-12M-8G	12	1/2	23	22	50.0	38.0	21.5





# Miniature Flow Controls

Parker's miniature flow controls ensure excellent performance of flow and are perfectly suited for reduced spaces due to their small size.

## Product Features:

- Glass reinforced nylon 6.6 body
- Stainless steel gripping ring
- Nickel-plated brass adjustment screw
- Nickel-plated brass locking nut
- Nickel-plated brass threads
- Nitrile D seal
- NPT, BSPT, BSPP, Metric threads

## Markets:

- Factory/Process Automation
- Life Science
- Food Processing
- Water And Beverage
- Petrochemical

## Applications:

- Packaging
- Filling
- Dispensing
- Bottling
- Pneumatic Circuits

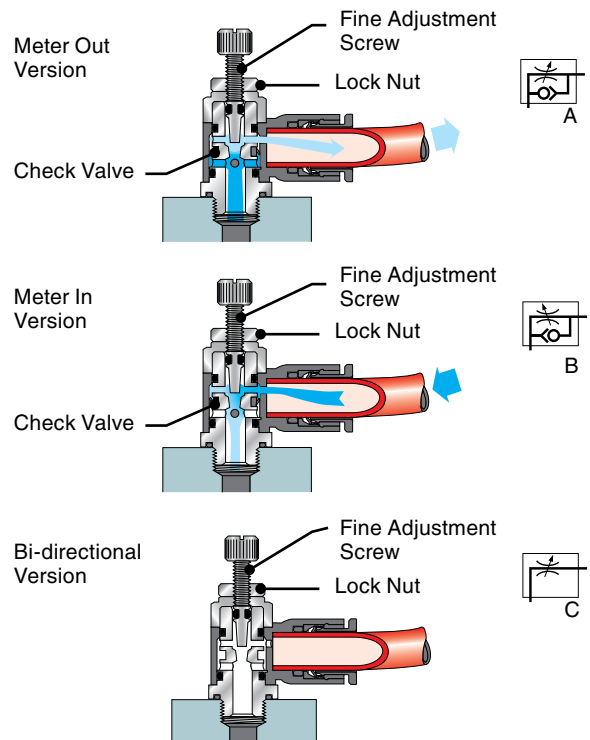
## Specifications:

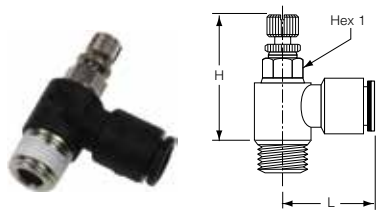
**Pressure Range** 15 to 145 psi

**Temperature Range** 30° to 160°F

## Compatible Tubing:

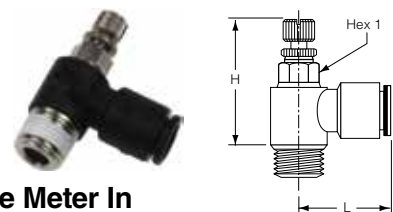
- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer





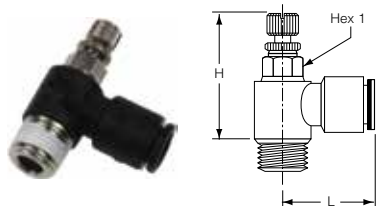
**FCM731 Miniature Meter Out Flow Control**

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



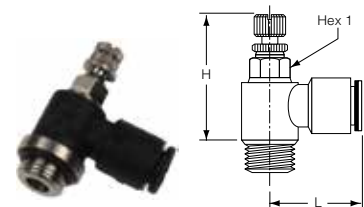
**FCM731 Miniature Meter In Flow Control - BSPT**

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	H CLOSED	H OPEN	L
FCM731-4M-2R	4	1/8	7	25.0	27.5	18.0
FCM731-6M-2R	6	1/8	7	25.0	27.5	18.5
FCM731-6M-4R	6	1/4	8	27.5	30.0	19.0
FCM731-8M-2R	8	1/8	13	28.5	33.0	26.0
FCM731-8M-4R	8	1/4	16	31.0	35.0	27.5
FCM731-8M-6R	8	3/8	20	36.0	42.0	29.0



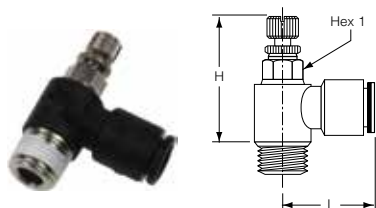
**FCM731 Miniature Meter In Flow Control**

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
FCM731-5/32-0	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



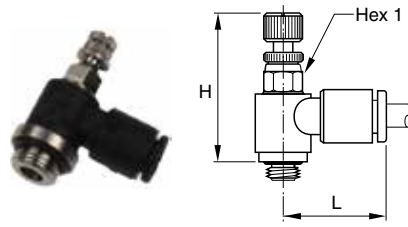
**FCM731 Miniature Meter Out Flow Control - BSPP**

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



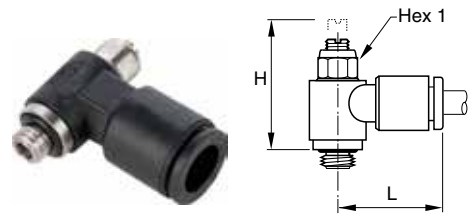
**FCM731 Miniature Meter Out Flow Control - BSPT**

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	H CLOSED	H OPEN	L
FCM731-4M-2R	4	1/8	7	25.0	27.5	18.0
FCM731-6M-2R	6	1/8	7	25.0	27.5	18.5
FCM731-6M-4R	6	1/4	8	27.5	30.0	19.0
FCM731-6M-6R	6	3/8	17	31.5	34.0	19.0
FCM731-8M-2R	8	1/8	13	28.5	33.0	26.0
FCM731-8M-4R	8	1/4	16	31.0	35.0	27.5
FCM731-8M-6R	8	3/8	20	36.0	42.0	29.0



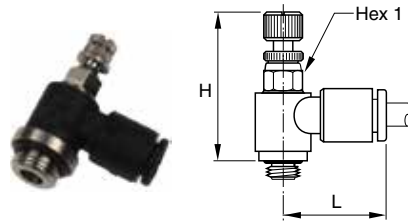
**FCMI731 Miniature Meter In Flow Control - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	H CLOSED	H OPEN	L
FCMI731-3M-M3	3	M3X0.5	6	23.5	26.0	17.0
FCMI731-3M-M5	3	M5X0.8	6	23.5	26.0	17.0
FCMI731-4M-M5	4	M5X0.8	6	23.5	26.0	17.0
FCMI731-4M-2G	4	1/8	7	27.0	29.5	18.0
FCMI731-6M-M5	6	M5X0.8	6	23.5	26.0	18.0
FCMI731-6M-2G	6	1/8	7	27.0	29.5	18.5
FCMI731-6M-4G	6	1/4	8	30.0	32.5	19.0
FCMI731-8M-2G	8	1/8	13	26.5	31.0	26.0
FCMI731-8M-4G	8	1/4	16	29.0	34.0	27.5
FCMI731-8M-6G	8	3/8	20	36.0	42.0	29.0



**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



**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

# Swivel Outlet Flow Controls



Parker's swivel outlet flow controls are designed to allow a vertical or angled tube exit where access is restricted.

## Product Features:

- Glass reinforced nylon 6.6 body
- Stainless steel gripping ring
- Nickel-plated brass adjustment screw
- Nickel-plated brass locking nut
- Nickel-plated brass threads
- Nitrile D seal
- NPT, BSPT, BSPP, Metric threads

## Markets:

- Factory/Process Automation
- Life Science
- Food Processing
- Water And Beverage
- Petrochemical

## Applications:

- Packaging
- Filling
- Dispensing
- Bottling
- Pneumatic Circuits

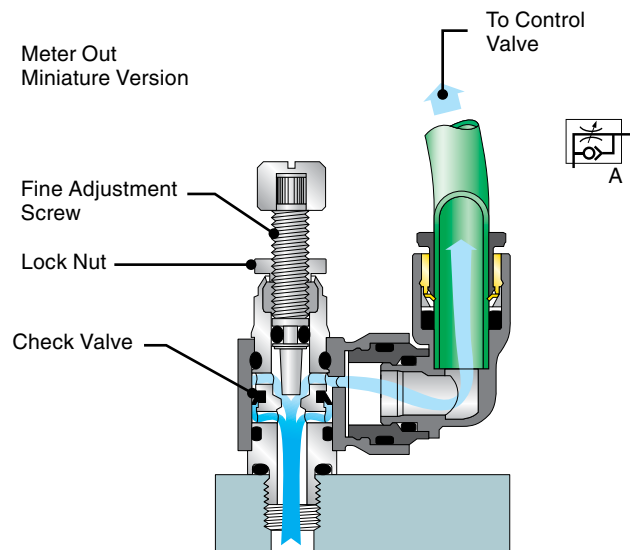
## Specifications:

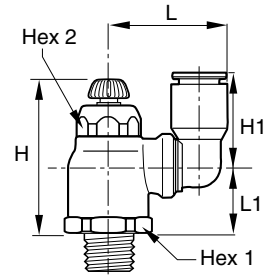
**Pressure Range** 15 to 145 psi

**Temperature Range** 30° to 160°F

## Compatible Tubing:

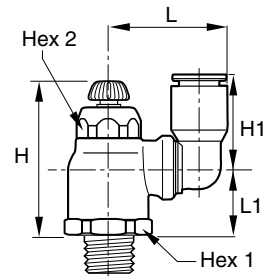
- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer





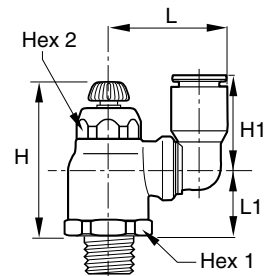
### FCCS731 Compact Swivel Outlet Flow Control

PART NO.	TUBE SIZE (IN)	NPT	HEX 1 MM	HEX 2 MM	H CLOSED	H OPEN	H1	L	L1
FCCS731-4-2	1/4	1/8	19	10	1.87	2.09	0.63	0.93	0.65
FCCS731-4-4	1/4	1/4	19	14	1.79	1.99	0.73	1.00	0.89
FCCS731-6-4	3/8	1/4	23	17	1.93	2.20	1.04	1.34	0.97
FCCS731-6-6	3/8	3/8	23	17	1.93	2.20	1.04	1.34	0.97



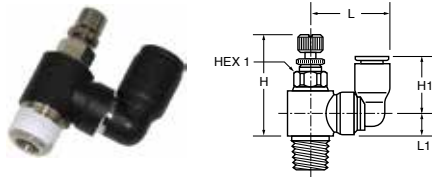
### FCCS731 Compact Swivel Outlet Flow Control - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	HEX 2	H CLOSED	H OPEN	H1	L	L1
FCCS731-6M-4R	6	1/4	16	10	36.5	42.5	16.0	23.5	16.5
FCCS731-8M-2R	8	1/8	19	14	40.0	46.0	23.0	28.0	17.5
FCCS731-8M-4R	8	1/4	19	14	40.0	46.0	23.0	28.0	17.5



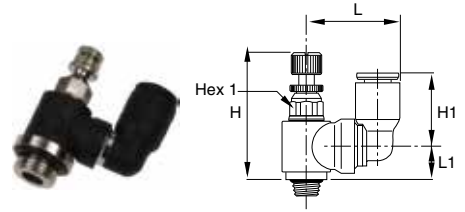
### FCCSI731 Compact Swivel Outlet Meter In - BSPP

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	H1	L	L1
FCCSI731-8M-2G	8	1/8	19	14	41.5	48.0	23.0	28.0	19.0
FCCSI731-8M-4G	8	1/4	19	14	41.5	48.0	23.0	28.0	19.5



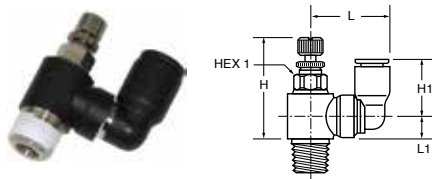
**FCMS731 Mini Swivel Outlet Flow Control**

PART NO.	TUBE SIZE (IN)	NPT	HEX 1 MM	H CLOSED	H OPEN	H1	L	L1
FCMS731-5/32-0	5/32	10-32	6	0.96	1.08	0.55	0.73	0.26
FCMS731-5/32-2	5/32	1/8	8	1.08	1.20	0.55	0.73	0.33



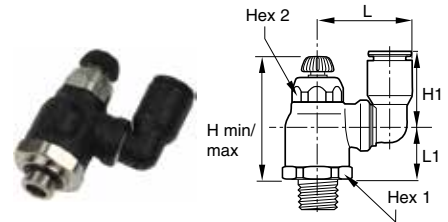
**FCMSI731 Miniature Swivel Outlet Meter In - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	H CLOSED	H OPEN	H1	L	L1
FCMSI731-4M-M5	4	M5X0.8	6	24.5	27.5	14.5	19.5	6.5
FCMSI731-4M-2G	4	1/8	7	27.5	31.0	14.5	20.0	8.5
FCMSI731-6M-M5	6	M5X0.8	6	24.5	27.5	16.0	21.5	6.5
FCMSI731-6M-2G	6	1/8	7	27.5	31.0	16.0	22.0	8.5



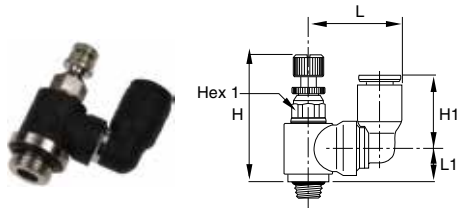
**FCMS731 Miniature Swivel Outlet Flow Control - BSPT**

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	H CLOSED	H OPEN	H1	L	L1
FCMS731-4M-2R	4	1/8	7	25	28.5	14.5	11.5	6.0
FCMS731-6M-2R	6	1/8	7	25	28.5	16.0	11.5	6.0



**FCCS731 Compact Swivel Outlet - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	H1	L	L1
FCCS731-6M-2G	6	1/8	16	10	38.0	44.0	16.0	23.5	18.0
FCCS731-6M-4G	6	1/4	16	10	36.5	42.5	16.0	23.5	16.5
FCCS731-8M-2G	8	1/8	19	14	41.5	48.0	23.0	28.0	19.0
FCCS731-8M-4G	8	1/4	19	14	41.5	48.0	23.0	28.0	19.5
FCCS731-8M-6G	8	3/8	19	14	41.5	48.0	23.0	28.0	17.5
FCCS731-10M-4G	10	1/4	23	17	45.5	53.5	26.5	35.0	21.0
FCCS731-10M-6G	10	3/8	23	17	45.5	54.0	26.5	35.0	21.5
FCCS731-12M-6G	12	3/8	23	17	45.5	54.0	31.0	38.0	21.5
FCCS731-12M-8G	12	1/2	23	17	45.5	54.0	31.0	38.0	21.0



**FCMS731 Miniature Swivel Outlet - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	H CLOSED	H OPEN	H1	L	L1
FCMS731-4M-M5	4	M5X0.8	6	24.5	27.5	14.5	19.5	6.5
FCMS731-4M-2G	4	1/8	7	27.5	31.0	14.5	20.0	8.5
FCMS731-6M-M5	6	M5X0.8	6	24.5	27.5	16.0	21.5	6.5
FCMS731-6M-2G	6	1/8	7	27.5	31.0	16.0	22.0	8.5



# Plug-In Flow Controls

Parker's Plug-in flow controls can be directly mounted into existing fittings and allow very compact installations. They are particularly suited for mounting in manifolds using cartridges.

### Product Features:

- Glass reinforced nylon 6.6 body
- Stainless steel gripping ring
- Nickel-plated brass adjustment screw
- Nickel-plated brass locking nut
- Nickel-plated tailpiece
- Nitrile D seal

### Markets:

- Factory/Process Automation
- Life Science
- Food Processing
- Water And Beverage
- Petrochemical

### Applications:

- Packaging
- Filling
- Dispensing
- Bottling
- Pneumatic Circuits

### Specifications:

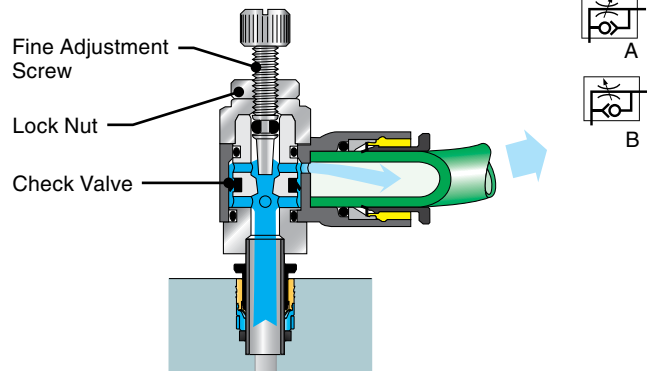
**Pressure Range** 15 to 145 psi

**Temperature Range** 30° to 160°F

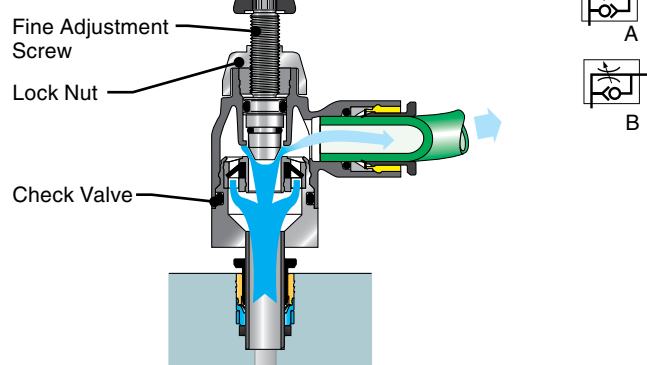
### Compatible Tubing:

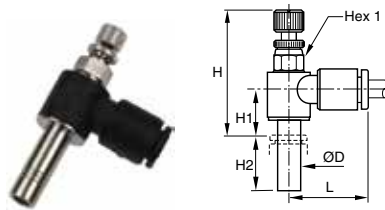
- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer

Miniature



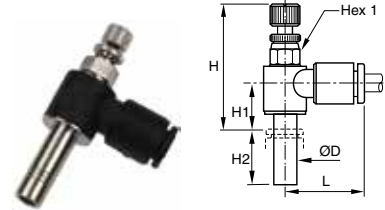
Compact





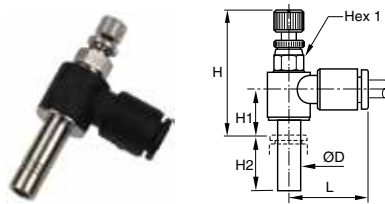
**FCMSP731 Plug-In Mini Flow Control**

PART NO.	TUBE SIZE (IN)	HEX 1 MM	H OPEN	H CLOSED	H1	H2	L
FCMSP731-2	1/8	6	1.04	0.94	0.12	0.59	0.67
FCMSP731-4	1/4	7	1.18	1.08	0.12	0.73	0.73



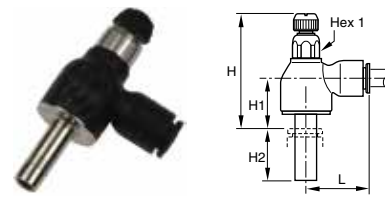
**FCMSP731 Plug-In Mini Meter In Flow Control**

PART NO.	TUBE SIZE (MM)	HEX 1	H CLOSED	H OPEN	H1	H2	L
FCMSP731-4M (5/32)	4	6	25.5	28.0	9.5	15.5	17.0
FCMSP731-6M	6	7	27.5	29.0	10.5	17.0	18.5



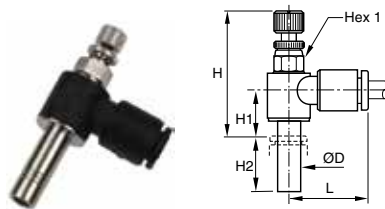
**FCMSP731 Plug-In Mini Meter In Flow Control**

PART NO.	TUBE SIZE (IN)	HEX 1 MM	H OPEN	H CLOSED	H1	H2	L
FCMSP731-2	1/8	6	1.04	0.94	0.12	0.59	0.67
FCMSP731-4	1/4	7	1.18	1.08	0.12	0.73	0.73



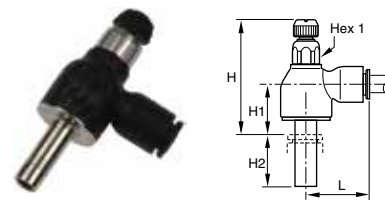
**FCCSP731 Plug-In Compact Flow Control**

PART NO.	TUBE SIZE (MM)	HEX 1	H CLOSED	H OPEN	H1	H2	L
FCCSP731-6M	6	10	35.0	41.0	14.0	17.0	22.0
FCCSP731-8M	8	14	39.5	46.5	16.0	21.5	28.0
FCCSP731-10M	10	17	43.5	51.5	17.5	24.5	31.5
FCCSP731-12M	12	17	43.0	51.0	17.0	27.0	31.5



**FCMSP731 - Plug-In Miniature Flow Control**

PART NO.	TUBE SIZE (MM)	HEX 1	H CLOSED	H OPEN	H1	H2	L
FCMSP731-4M (5/32)	4	6	25.5	28.0	9.5	15.5	17.0
FCMSP731-6M	6	7	27.5	29.0	10.5	17.0	18.5



**FCCSP731 Plug-In Compact Meter-In Flow Control**

PART NO.	TUBE SIZE (MM)	HEX 1	H CLOSED	H OPEN	H1	H2	L
FCCSP731-6M	6	10	35.0	41.0	14.0	17.0	22.0
FCCSP731-8M	8	14	39.5	46.5	16.0	21.5	28.0
FCCSP731-10M	10	17	43.5	51.5	17.5	24.5	31.5
FCCSP731-12M	12	17	43.0	51.0	17.0	27.0	31.5



# In-Line Flow Controls



Parker's In-Line flow controls are unidirectional. An arrow on the body indicates the direction of controlled flow. They can be used individually or stacked together using joining clips.

## Product Features:

- Glass reinforced nylon 6.6 body
- Stainless steel gripping ring
- Nickel-plated brass adjustment screw
- Nickel-plated brass locking nut
- Nickel-plated threads
- Nitrile D seal
- Panel mountable

## Markets:

- Factory/Process Automation
- Life Science
- Food Processing
- Water And Beverage
- Petrochemical

## Applications:

- Packaging
- Filling
- Dispensing
- Bottling
- Pneumatic Circuits

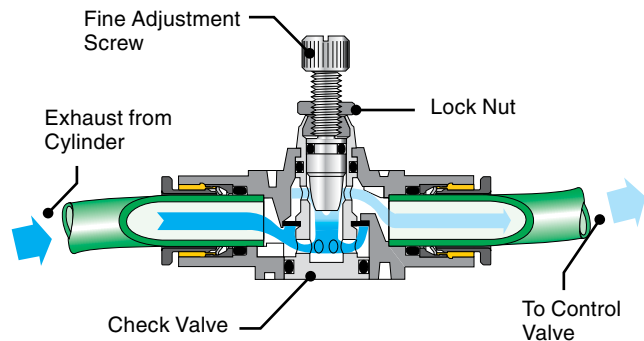
## Specifications:

**Pressure Range** 15 to 145 psi

**Temperature Range** 30° to 160°F

## Compatible Tubing:

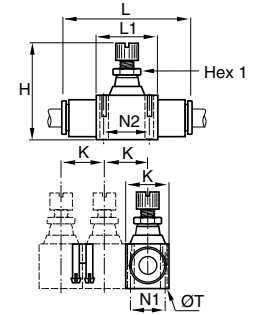
- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer





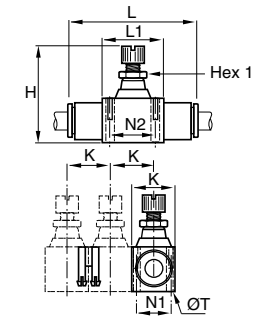
### FC832 In-Line Flow Control

PART NO.	TUBE SIZE (IN)	HEX 1 MM	H CLOSED	H OPEN	K	L	L1	N1	N2	T
FC832-4	1/4	8	1.54	1.74	0.66	2.00	0.90	0.43	0.66	0.12
FC832-6	3/8	14	2.03	2.38	0.94	2.87	1.29	0.62	1.01	0.16
FC832-8	1/2	14	2.24	2.63	1.09	3.35	1.37	0.78	1.07	0.16



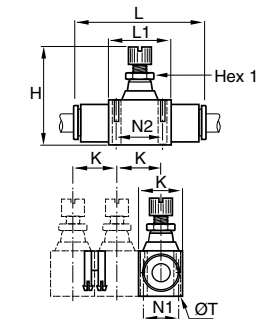
### FCB832 In-Line Bi-directional Flow Control

PART NO.	TUBE SIZE (IN)	HEX 1 MM	H CLOSED	H OPEN	K	L	L1	N1	N2	T
FCB832-4	1/4	8	1.54	1.74	0.66	2.00	0.90	0.43	0.66	0.12



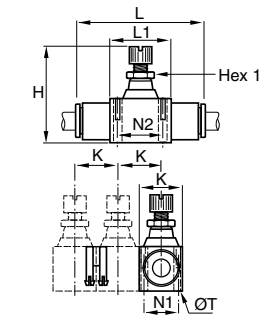
### FC832 In-Line Flow Control

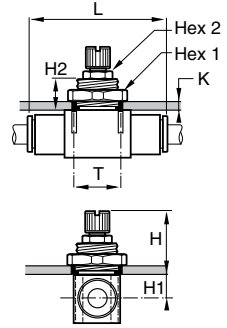
PART NO.	TUBE SIZE (MM)	HEX 1	H CLOSED	H OPEN	K	L	L1	N1	N2	T
FC832-6M	6	8	39.5	44.5	17.0	54.0	23.0	11.0	17.0	3.2
FC832-8M (5/16)	8	11	44.0	50.0	18.5	60.5	26.0	12.5	20.0	3.2
FC832-10M	10	14	52.0	61.0	24.0	76.0	33.0	16.0	26.0	4.2
FC832-12M	12	14	57.5	67.5	28.0	86.0	35.0	20.0	27.5	4.2



### FCB832 In-Line Bi-directional Flow Control

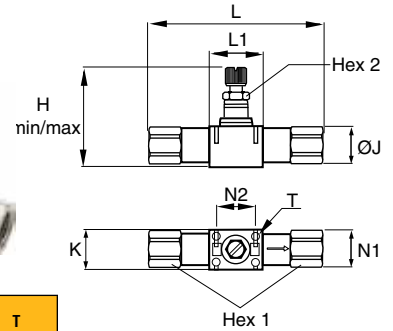
PART NO.	TUBE SIZE (MM)	HEX 1	H CLOSED	H OPEN	K	L	L1	N1	N2	T
FCB832-4M (5/32)	4	5	29.5	33.5	12.0	39.0	15.0	8.0	11.0	2.2
FCB832-6M	6	8	39.5	44.5	17.0	54.0	23.0	11.0	17.0	3.2
FCB832-8M (5/16)	8	11	44.0	50.0	18.5	60.5	26.0	12.5	20.0	3.2





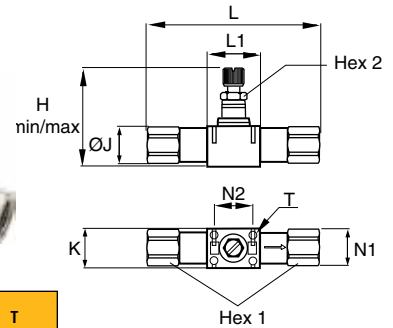
### FCPM832 In-Line Panel Mountable Flow Control

PART NO.	TUBE SIZE (MM)	HEX 1	HEX 2	H CLOSED	H OPEN	K	L	H1	H2	T
FCPM832-4M	4	14		21.5	25.5	6.0	39.0	6.5	11.0	10.5
FCPM832-6M	6	19		27.5	32.5	7.0	54.0	7.5	13.5	16.5
FCPM832-8M	8	24	11	28.5	34.5	7.0	60.5	9.0	13.5	18.5
FCPM832-10M	10	30	14	29.5	38.5	7.0	76.0	11.5	13.5	24.5
FCPM832-12M	12	32	14	32.0	42.0	8.0	86.0	12.5	15.5	27.5



### FC836 Threaded In-Line Flow Control

PART NO.	NPT	HEX 1 MM	HEX 2 MM	H CLOSED	H OPEN	K	L	L1	N1	N2	T
FC836-2	1/8	13	8.00	1.56	1.75	0.67	2.70	0.91	0.43	0.67	0.12
FC836-4	1/4	16	11.00	1.73	1.97	0.73	3.27	1.02	0.49	0.79	0.12
FC836-6	3/8	22	14.00	2.05	2.40	0.94	3.82	1.30	0.63	1.02	0.16
FC836-8	1/2	24	14.00	2.26	2.66	1.10	4.76	1.38	0.79	1.08	0.16



### FC836 Threaded In-Line Flow Control - BSPP

PART NO.	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	K	L	N1	N2	T
FC836-2G	1/8	13	8	39.5	44.5	17.0	68.5	11.0	17.0	3.2
FC836-4G	1/4	16	11	44.0	50.0	18.5	83.0	12.5	20.0	3.2
FC836-6G	3/8	19	14	52.0	61.0	24.0	97.0	16.0	26.0	4.2
FC836-8G	1/2	24	14	57.5	67.5	28.0	121.0	20.0	27.5	4.2



# Metal Flow Controls

Parker's Metal flow controls are suited for use in severe conditions (temperatures, sparks, abrasion, etc.). Adjustment can be made with a screwdriver and locking by use of a wrench.

## Product Features:

- Treated brass body
- Stainless steel gripping ring
- Nickel-plated brass adjustment screw
- Nickel-plated brass locking nut
- Nickel-plated threads
- Nitrile D seal

## Markets:

- Factory/Process Automation
- Petrochemical
- Automotive Process

## Applications:

- Robotics
- Packaging
- Textile

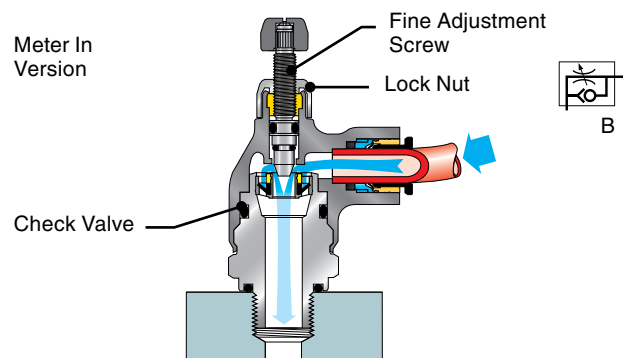
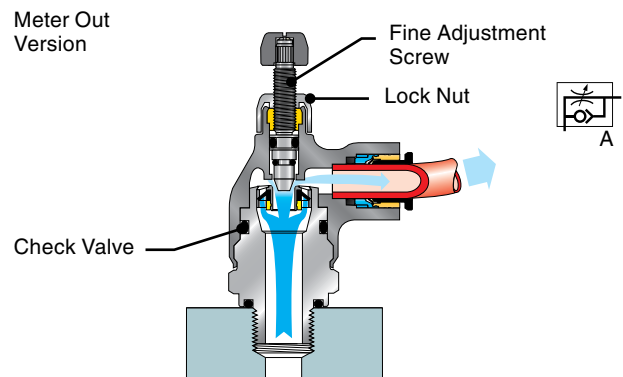
## Specifications:

**Pressure Range** 15 to 145 psi

**Temperature Range** 30° to 160°F

## Compatible Tubing:

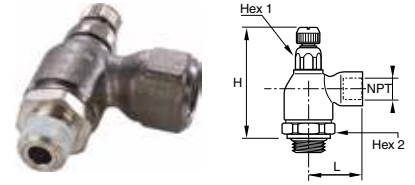
- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer





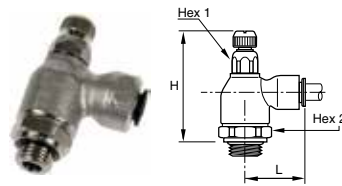
**FC705 Push-to-Connect Meter Out Metal Flow Control**

PART NO.	TUBE SIZE (IN)	NPT	HEX 1 MM	HEX 2 MM	H CLOSED	H OPEN	L
FC705-5/32-2	5/32	1/8	19	10	1.79	2.01	0.85
FC705-4-2	1/4	1/8	19	10	1.79	2.01	0.97
FC705-4-4	1/4	1/4	19	10	1.79	2.01	0.97
FC705-6-4	3/8	1/4	19	14	1.91	2.11	1.14
FC705-6-6	3/8	3/8	25	17	2.15	2.40	1.40



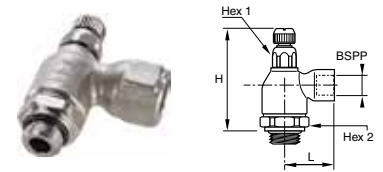
**FC708 Threaded Port Meter Out Flow Control**

PART NO.	NPT	HEX 1 MM	HEX 2 MM	H CLOSED	H OPEN	L
FC708-2	1/8	19	10	1.79	2.01	0.89
FC708-4	1/4	19	14	1.91	2.11	1.28
FC708-6	3/8	25	17	2.15	2.40	1.36
FC708-8	1/2	25	17	2.15	2.40	1.50



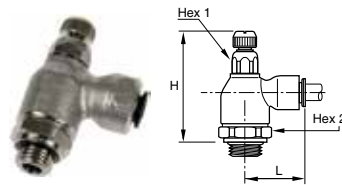
**FC701 Push-to-Connect Meter Out Metal Flow Control - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	L
FC701-4M-2G	4	1/8	10	19	47.0	53.0	21.0
FC701-6M-2G	6	1/8	10	19	47.0	53.0	24.5
FC701-6M-4G	6	1/4	10	19	47.5	53.0	24.5
FC701-8M-2G	8	1/8	14	19	50.0	55.0	29.0
FC701-8M-4G	8	1/4	14	19	50.0	56.0	29.0
FC701-8M-6G	8	3/8	17	25	56.0	62.0	30.5
FC701-10M-4G	10	1/4	14	19	50.0	56.0	35.0
FC701-10M-6G	10	3/8	17	25	56.0	62.0	35.0
FC701-12M-6G	12	3/8	17	25	56.0	62.0	38.0
FC701-12M-8G	12	1/2	17	25	55.0	62.0	38.0
FC701-14M-8G	14	1/2	17	25	55.0	62.0	41.0



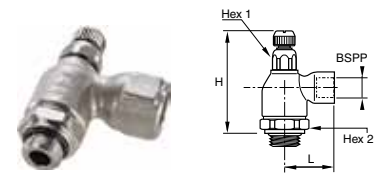
**FC702 Threaded Port Meter Out Metal Flow Control - BSPP**

PART NO.	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	L
FC702-2G	1/8	10	19	47.0	52.5	22.5
FC702-4G	1/4	14	19	50.5	55.5	32.0
FC702-6G	3/8	17	25	56.0	62.0	34.5
FC702-8G	1/2	17	25	55.0	62.0	37.5



**FCI701 Push-to-Connect Meter In Metal Flow Control - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCI701-4M-2G	4	1/8	10	19	47.0	53.0	21.0
FCI701-6M-2G	6	1/8	10	19	47.0	53.0	24.5
FCI701-6M-4G	6	1/4	10	19	47.5	53.0	24.5
FCI701-8M-2G	8	1/8	14	19	50.0	55.0	29.0
FCI701-8M-4G	8	1/4	14	19	50.0	56.0	29.0
FCI701-8M-6G	8	3/8	17	25	56.0	62.0	30.5



**FCI702 Threaded Port Meter In Metal Flow Control - BSPP**

PART NO.	BSPP	HEX 1	HEX 2	H CLOSED	H OPEN	L
FCI702-2G	1/8	10	19	47.0	52.5	22.5
FCI702-4G	1/4	14	19	50.5	55.5	32.0

# Stainless Steel Flow Controls



Parker's Stainless Steel Flow Controls are used to regulate the speed of a cylinder rod as well as flow in environments with high mechanical or chemical constraints.

## Product Features:

- Suitable for corrosive environments
- Excellent mechanical and chemical resistance
- 100% leak tested in production
- Smooth external surfaces to facilitate cleaning
- Suitable for food applications

## Markets:

- Factory/Process Automation
- Life Science
- Food Processing
- Water And Beverage
- Petrochemical

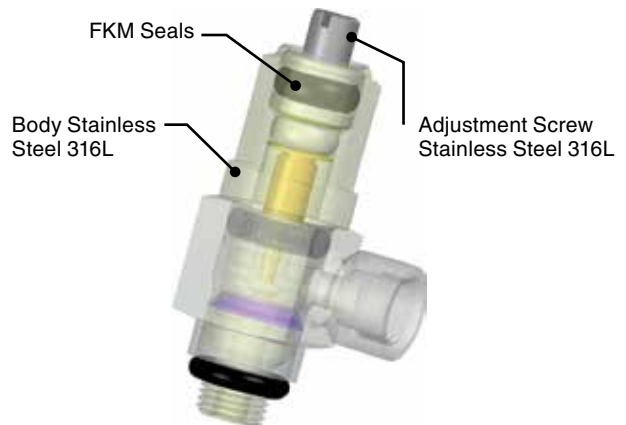
## Applications:

- Packaging
- Filling
- Dispensing
- Bottling,
- Pneumatic Circuits
- Semi-Conductors

## Specifications:

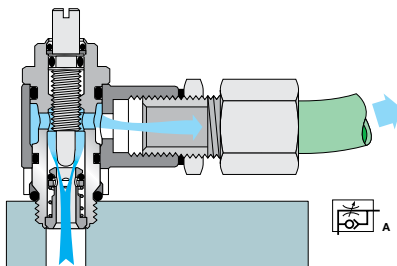
**Pressure Range** 15 to 145 psi

**Temperature Range** 30° to 160°F

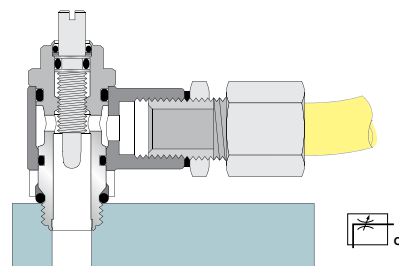


## Operation

### Exhaust Model with External Adjustment

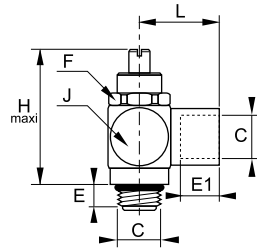


### Bi-Directional Model with External Adjustment



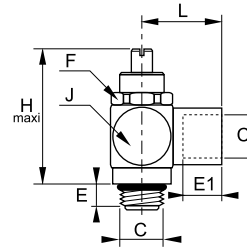
### 7810, 7812, 7815, 7817 Threaded Port Knobless Stainless Steel Flow Control - NPT, UNF

PART NO. METER OUT	PART NO. BI-DIRECTIONAL	C	E	E1	F	H	J	L	WT. OZ.
7810 20 20	7812 20 20	10-32	.16	.16	8	.94	.35	.43	.95
7815 11 11	7817 11 11	1/8	.20	.31	13	1.50	.59	.67	1.23
7815 14 14	7817 14 14	1/4	.31	.47	17	1.38	.71	.94	1.69
7815 18 18	7817 18 18	3/8	.28	.55	20	1.89	.87	1.06	2.08
7815 22 22	7817 22 22	1/2	.31	.59	23	2.52	1.10	1.22	2.68



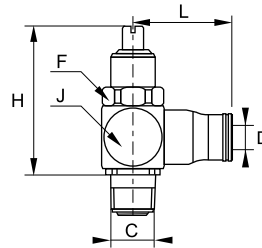
### 7810, 7812, Threaded Port Knobless Stainless Steel Flow Control - BSPP Metric

PART NO. METER OUT	PART NO. BI-DIRECTIONAL	C	E	E1	F	H	J	L	WT. KG.
7810 19 19	7812 19 19	M5X0.8	4	4	8	24	10	11	0.027
7810 10 10	7812 10 10	G1/8	5	8	13	38	15	17	0.035
7810 13 13	7812 13 13	G1/4	8	12	17	40	18	24	0.048
7810 17 17	7812 17 17	G3/8	7	12	20	53	22	24	0.059
7810 21 21	7812 21 21	G1/2	8	15	23	69	28	31	0.076



### 7835 Push-to-Connect Knobless Stainless Steel Flow Control Tube to NPT

PART NO. METER OUT	D	C	F MM	H	J	L	WT. OZ.
7835 04 11	5/32	1/8	13	1.30	.59	.79	1.23
7835 04 14	5/32	1/4	17	1.38	.71	.87	1.54
7835 56 11	1/4	1/8	13	1.30	.59	.87	1.69
7835 56 14	1/4	1/4	17	1.38	.71	.95	1.82
7835 60 14	3/8	1/4	17	1.38	.71	1.18	2.08
7835 60 18	3/8	3/8	20	1.89	.87	1.26	2.68



# In-Line Check Valves



Parker's In-Line Check Valves allows air to pass in one direction while blocking flow in the other direction. The body of the fitting contains an arrow to indicate the direction of flow.

## Product Features:

- Nylon/Nickel-plated brass body
- VC – Acetal body
- Stainless steel gripping ring
- Nickel-plated brass threads
- Nitrile O-ring
- EPDM O-ring (VC)

## Markets:

- Factory/Process Automation
- Packaging
- Petrochemical
- Pneumatics
- Semi-Conductor

## Applications:

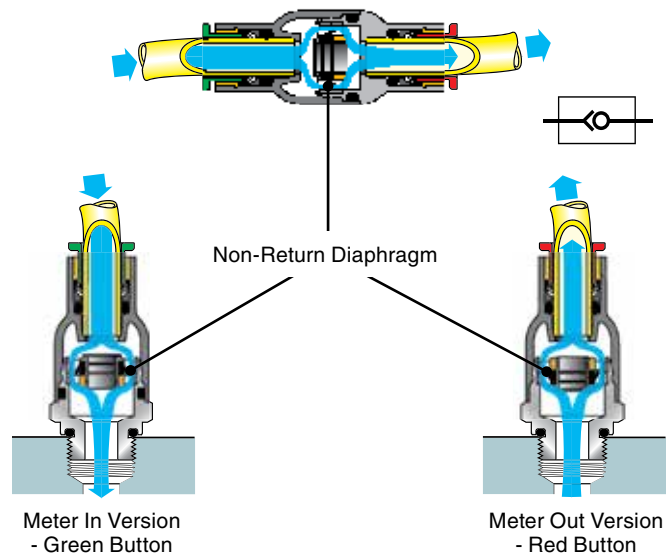
- Robotics
- Packaging
- Textile
- Machine Tools
- Pneumatic Systems
- Vacuum

## Specifications:

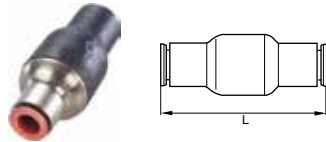
<b>Pressure Range</b>	15 to 145 psi
<b>Temperature Range</b>	34° to 150°F
<b>Cracking Pressure</b>	PLCK – 7 psi, VC – 1/3 psi

## Compatible Tubing:

- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer

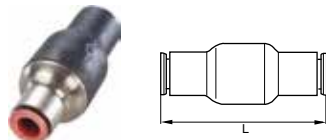






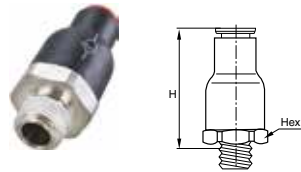
### 32PLCK In-Line Check Valve

PART NO.	TUBE SIZE (IN)	L
32PLCK-4	1/4	1.61
32PLCK-6	3/8	2.50



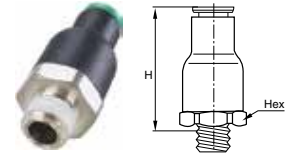
### 32PLCK In-Line Check Valve

PART NO.	TUBE SIZE (MM)	L
32PLCK-4M (5/32)	4	38.5
32PLCK-6M	6	41.0
32PLCK-8M (5/16)	8	51.5
32PLCK-10M	10	63.5
32PLCK-12M	12	66.5



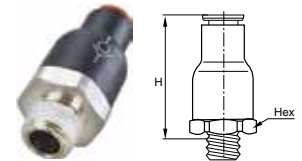
### W68PLCK Male Check Valve

PART NO.	TUBE SIZE (IN)	NPT / UNF	HEX MM	H
68PLCK-5/32-0	5/32	10-32	9	1.26
W68PLCK-5/32-2	5/32	1/8	16	1.12
W68PLCK-4-2	1/4	1/8	19	1.42
W68PLCK-4-4	1/4	1/4	19	1.42
W68PLCK-6-4	3/8	1/4	23	1.65
W68PLCK-6-6	3/8	3/8	23	1.65



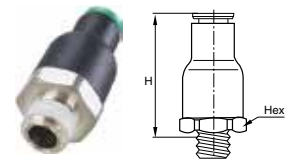
### W68PLCKI Male Check Valve Meter In

PART NO.	TUBE SIZE (IN)	NPT / UNF	HEX MM	H
68PLCKI-5/32-0	5/32	10-32	9	1.26
W68PLCKI-5/32-2	5/32	1/8	16	1.12
W68PLCKI-4-2	1/4	1/8	19	1.42
W68PLCKI-4-4	1/4	1/4	19	1.42
W68PLCKI-6-4	3/8	1/4	23	1.65
W68PLCKI-6-6	3/8	3/8	23	1.65



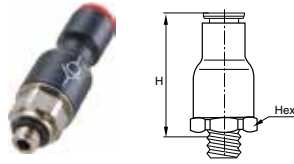
### W68PLCK Male Check Valve Meter Out - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	H
W68PLCK-4M-2R	4	1/8	16	28.5
W68PLCK -6M-2R	6	1/8	16	30.5
W68PLCK -6M-4R	6	1/4	16	30.5
W68PLCK -8M-2R	8	1/8	19	36.0
W68PLCK -8M-4R	8	1/4	19	36.0
W68PLCK -10M-6R	10	3/8	23	42.0
W68PLCK -12M-6R	12	3/8	23	42.0
W68PLCK -12M-8R	12	1/2	23	44.0



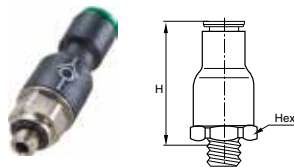
### W68PLCKI Male Check Valve Meter In - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	HEX 1	H
W68PLCKI-4M-2R	4	1/8	16	28.5
W68PLCKI -6M-2R	6	1/8	16	30.5
W68PLCKI -6M-4R	6	1/4	16	30.5
W68PLCKI -8M-2R	8	1/8	19	36.0
W68PLCKI -8M-4R	8	1/4	19	36.0



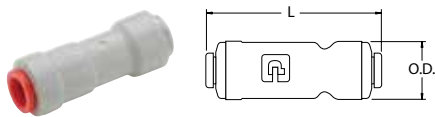
**68PLCK Male Check Valve Meter Out - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	H
68PLCK-4M-M5	4	M5X0.8	9	32.0
68PLCK-4M-2G	4	1/8	16	28.5
68PLCK-6M-2G	6	1/8	16	30.5
68PLCK-6M-4G	6	1/4	16	30.5
68PLCK-8M-2G	8	1/8	19	36.0
68PLCK-8M-4G	8	1/4	19	36.0



**68PLCKI Male Check Valve Meter In - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	H
68PLCKI-4M-M5	4	M5X0.8	9	32.0
68PLCKI-6M-2G	6	1/8	16	30.5
68PLCKI-8M-2G	8	1/8	19	36.0
68PLCKI-8M-4G	8	1/4	19	36.0
68PLCKI-10M-6G	10	3/8	23	42.0
68PLCKI-12M-6G	12	3/8	23	42.0
68PLCKI-12M-8G	12	1/2	23	44.0



**VC – Check Valve**

PART NO.	TUBE SIZE	L	O.D.
A4VC4-MG	1/4	2.00	.66
A5VC5-MG	5/16	2.10	.70
A6VC6-MG	3/8	2.15	.80



# Stainless Steel Check Valves

Parker's Stainless Steel Check Valves are ideally suited to harsh environments and for conveying industrial fluids. These check valves allow fluids to flow in one direction and prevent them from flowing in the other.

## Product Features:

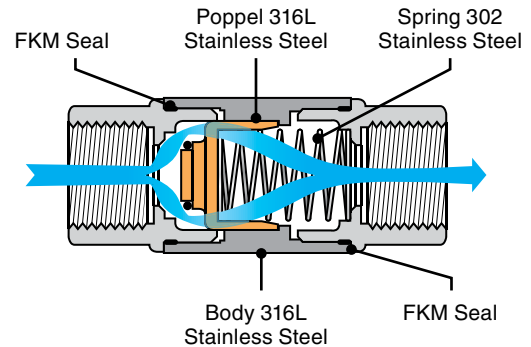
- 316L Stainless Steel Body & Poppet
- 302 Stainless Steel Spring
- FKM Seals
- Smooth external surfaces contribute to equipment cleanliness
- Suitable for use in corrosive environments

## Markets:

- Factory/Process Automation
- Life Science
- Food Processing
- Water And Beverage
- Petrochemical

## Applications:

- Pneumatics
- Machine Tools
- Processing
- Chemical
- Printing



## Specifications:

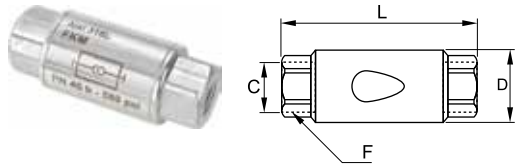
**Pressure Range** 7 to 580 psi

**Cracking Pressure** 3.6 psi

**Temperature Range** -4° to 356°F

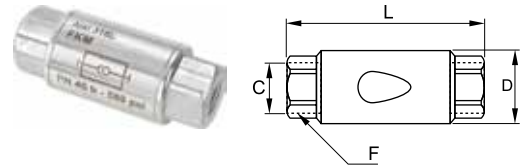
## Flow Characteristics

MODEL	WATER FLOW AT 90 PSI	KV
1/8	.67 SCFM	1.60
1/4	.70 SCFM	1.69
3/8	1.26 SCFM	3.01
1/2	1.29 SCFM	3.10
3/4	2.33 SCFM	5.59
1	3.27 SCFM	7.86



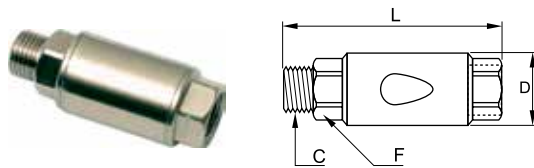
**4890 Unidirectional Female - BSPP**

PART NO.	C	DN	D MM	F MM	L MM	WT. KG.
4890 10 10	G1/8	10	22	17	50	0.084
4890 13 13	G1/4	10	22	17	50	0.074
4890 17 17	G3/8	15	30	22	67	0.182
4890 21 21	G1/2	15	30	25	71	0.196
4890 27 27	G3/4	20	42	32	84	0.288
4890 34 34	G1	25	42	38	90	0.416



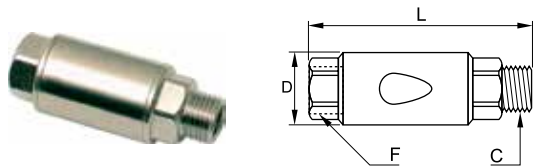
**4895 Unidirectional Female - NPT**

PART NO.	C	DN	D MM	F MM	L MM	WT. KG.
4895 11 11	1/8	10	22	18	50	0.084
4895 14 14	1/4	10	22	18	54	0.080
4895 18 18	3/8	15	30	22	73	0.198
4895 22 22	1/2	15	30	25	77	0.213



**4891 Unidirectional Male to Female - BSPP**

PART NO.	C	DN	D MM	F MM	L MM	WT. KG.
4891 10 10	G1/8	10	22	17	56	0.086
4891 13 13	G1/4	10	22	17	58	0.082
4891 17 17	G3/8	15	30	22	75	0.190
4891 21 21	G1/2	15	30	25	79	0.280
4891 27 27	G3/4	20	42	32	98	0.302
4891 34 34	G1	25	42	38	104	0.424



**4892 Unidirectional Female to Male - BSPP**

PART NO.	C	DN	D MM	F MM	L MM	WT. KG.
4892 10 10	G1/8	10	22	17	56	0.086
4892 13 13	G1/4	10	22	17	58	0.082
4892 17 17	G3/8	15	30	22	75	0.190
4892 21 21	G1/2	15	30	25	79	0.280
4892 27 27	G3/4	20	42	32	98	0.302
4892 34 34	G1	25	42	38	104	0.424



# Piloted Operated Check Valves

Parker's Piloted Operated Check Valves are designed to protect installations. If the compressed air supply is removed they lock the air supply to the cylinder, maintaining it in position.

## Product Features:

- Orientable and adjustable through 3 axis
- Can be integrated into any installation configuration
- Vent saves time on restart after maintenance operations
- Multi-purpose fitting
  - Piloted non-return valve
  - Flow control regulator
  - Manual exhaust

## Specifications:

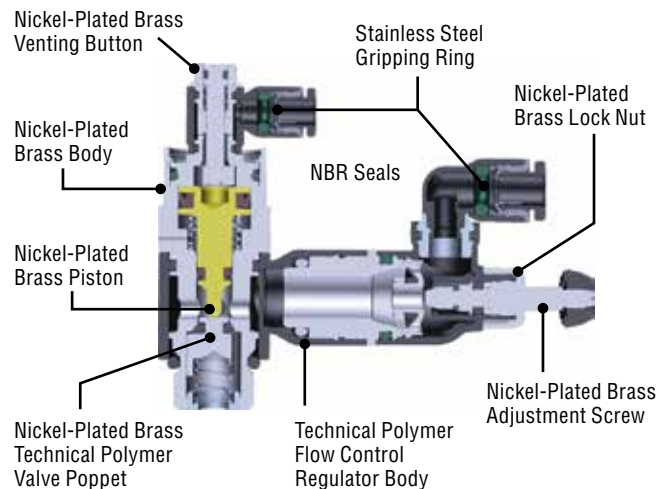
<b>Pressure Range</b>	14 to 145 psi
<b>Cracking Pressure</b>	4.3 psi
<b>Temperature Range</b>	23° to 140°F

## Markets:

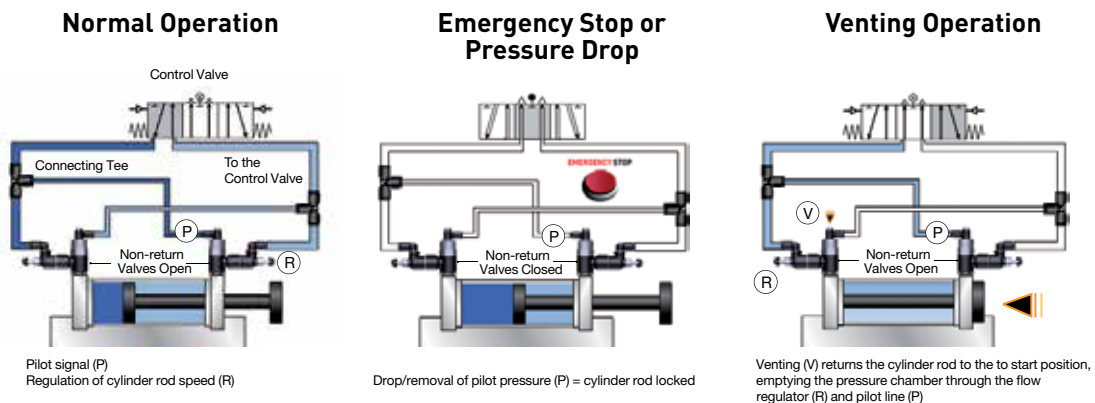
- Factory/Process Automation
- Food Processing
- Pneumatics
- Automotive

## Applications:

- Pneumatics
- Machine Tools
- Processing
- Packaging
- Assembly

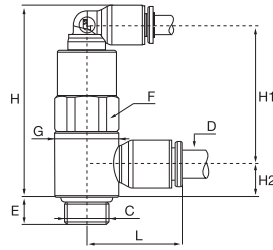


## Operation



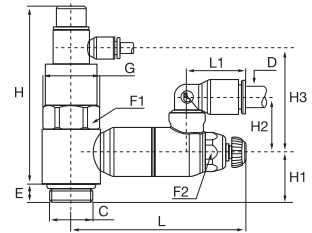
### 7892 Piloted Non-Return Valve - BSPP

PART NO.	D MM	C	E MM	F MM	G MM	H MM	H1 MM	H2 MM	L MM	WT. KG.
7892 06 10	6	G1/8	6	13	14	42	30	7	21	.028
7892 06 13	6	G1/4	9	17	18.5	45	32	9	23	.049
7892 08 10	8	G1/8	6	13	14	42	29	9	25	.029
7892 08 13	8	G1/4	9	17	18.5	45	32	9	27	.051
7892 08 17	8	G3/8	6	20	22.5	57	41	11	28	.093
7892 10 17	10	G3/8	6	20	22.5	57	41	11	31	.094
7892 10 21	10	G1/2	10	24	28	63	47	16	36	.172
7892 12 21	12	G1/2	10	24	28	63	47	16	36	.162



### 7894 Piloted Non-Return Valve with Flow Regulator and Exhaust - BSPP

PART NO.	D MM	C	E MM	F1 MM	F2 MM	G MM	H MM	H1 MM	H2 MM	H3 MM	L MIN	L MAX	L MM	WT. KG.
7894 06 10	6	G1/8	6	13	8	14	46	7	24	31	48.5	51	16	.049
7894 06 13	6	G1/4	9	17	10	18.5	49	11	18	31	59.5	65	17	.081
7894 08 10	8	G1/8	6	13	8	14	46	7	27	31	48.5	51	22	.050
7894 08 13	8	G1/4	9	17	10	18.5	49	11	23	31	59.5	65	23	.084
7894 08 17	8	G3/8	6	20	14	22.5	69	13	21	40	67.5	73	23	.148
7894 10 17	10	G3/8	6	20	14	22.5	69	13	29	40	67.5	73	26	.152
7894 10 21	10	G1/2	10	24	17	28	76	12.5	26	47	74	81	26	.234
7894 12 21	12	G1/2	10	24	17	28	76	12.5	27	47	74	81	30	.236





# Pneumatic Slide Valves

Parker's Slide Valves may be used to effect an immediate isolation of the air line by venting the system to atmosphere. By moving the sleeve in one direction, the air is free to pass through the slide valve to the system. By moving it in the opposite direction, the supply is shut off and the downstream air is allowed to exhaust to the atmosphere.

## Product Features:

- Lightweight due to use of aluminum
- Nitrile Seals
- Immediate identification of the venting system by the color (red)
- Uni-directional use ensures the downstream circuit is vented
- Operated in the plane of the tube

## Markets:

- Factory/Process Automation
- Food Processing
- Packaging

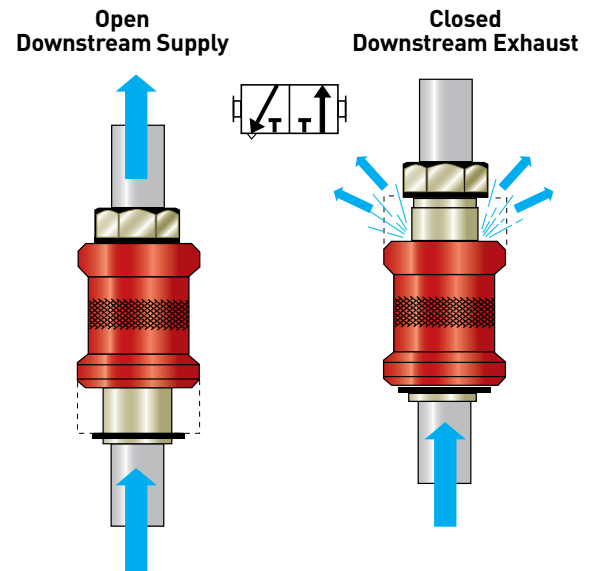
## Applications:

- Pneumatics
- Conveyors
- Packaging
- Textile
- Plastics Engineering

## Specifications:

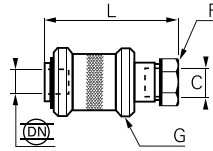
**Pressure Range** Up to 230 psi

**Temperature Range** 15° to 175°F



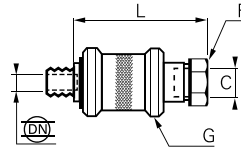
### 0660 Female Slide Valve - NPT

PART NO.	C	DN	F	G	L	WT. OZ.
0660 04 11	1/8	.16	.55	.98	1.89	2.12
0660 07 14	1/4	.27	.67	1.18	2.28	3.71
0660 10 18	3/8	.39	.87	1.38	2.68	6.18
0660 14 22	1/2	.55	1.06	1.57	3.15	9.53



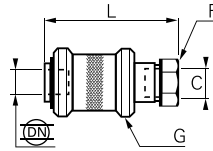
### 0661 Male to Female Slide Valve - NPT

PART NO.	C	DN	F	G	L	WT. OZ.
0661 04 11	1/8	.16	.55	.98	2.19	2.47
0661 07 14	1/4	.27	.67	1.18	2.75	4.59
0661 10 18	3/8	.39	.87	1.38	3.21	7.59
0661 14 22	1/2	.55	1.06	1.57	3.75	11.30



### 0669 Female Slide Valve - BSPP

PART NO.	C	DN	F MM	G MM	L MM	WT. KG.
0669 02 19	M5X0.8	2	10	14	30.5	.045
0669 04 10	G1/8	4	14	25	48	.051
0669 07 13	G1/4	7	19	30	58	.084
0669 10 17	G3/8	10	22	35	68	.153
0669 14 21	G1/2	14	27	40	80	.227
0669 19 27	G3/4	19	32	50	83	.242





# Quick Exhaust Valve



Parker's Quick Exhaust Valve increases the return speed of the cylinder rod by allowing the exhaust to pass directly to atmosphere.

## Product Features:

- Nickel plated brass body
- Nylon seal
- Polyurethane piston
- Reduction in cycle times: return speed improved
- Excellent exhaust capacity
- Ideal for applications in restrictive environments

## Markets:

- Factory/Process Automation
- Packaging
- Industrial
- Pulp & Paper

## Applications:

- Pneumatics
- Conveyors
- Packaging
- Textile
- Plastics Engineering

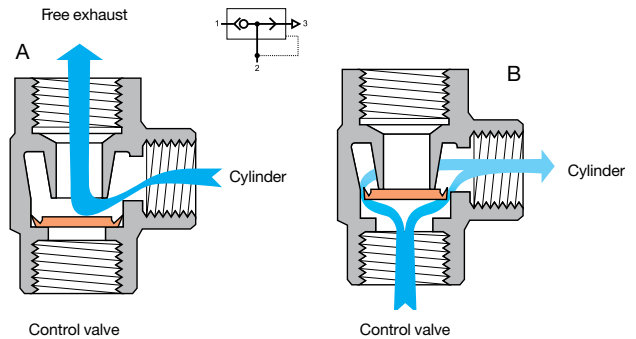
## Specifications:

**Pressure Range** 10 to 150 psi

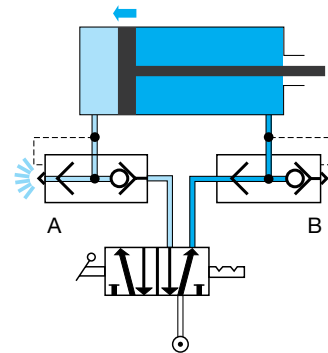
**Temperature Range** 0° to 160°F

## Operation

### Mounted on Cylinder

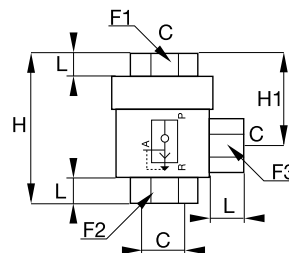


### Installation Diagram



## 7982 Quick Exhaust Valve Threaded Ports - NPT

PART NO.	C	F1	F2	F3	H	H1	L	WT. OZ.
7982 11 11	1/8	14	14	15	1.69	1.10	.28	2.97
7982 14 14	1/4	19	19	19	2.11	1.38	.37	5.18
7982 18 18	3/8	20	21	21	2.19	1.42	.35	5.64
7982 22 22	1/2	26	26	26	2.83	1.77	.55	11.29



# Blocking Valves



Parker's 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.

## Product Features:

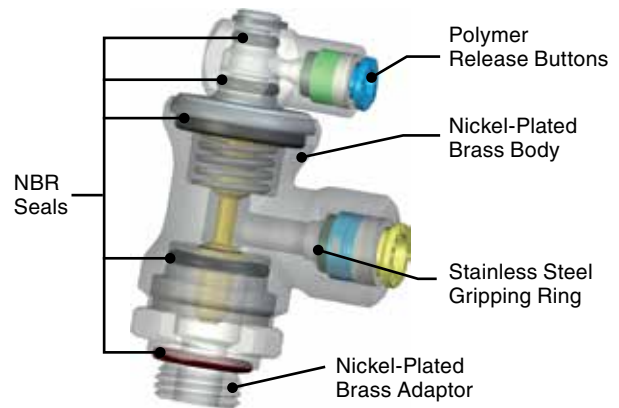
- Treated brass body
- Stainless steel gripping ring
- Nickel-plated brass threads
- NBR seals
- Silicone free

## Markets:

- Factory/Process Automation
- Packaging
- Petrochemical
- Automotive Process

## Applications:

- Robotics
- Packaging
- Textile
- Machine Tools



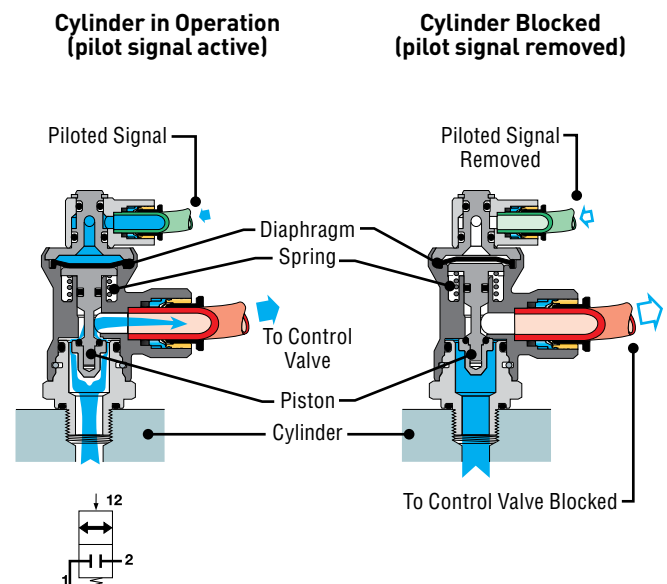
## Specifications:

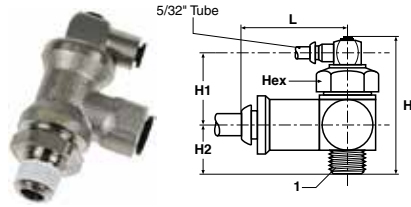
<b>Pressure Range</b>	15 to 145 psi
<b>Temperature Range</b>	-4° to 160°F
<b>Leak Rate</b>	<3.2CCM
<b>Number of Cycles</b>	>10 Million at 68°F and 1 HZ

## Compatible Tubing:

- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer

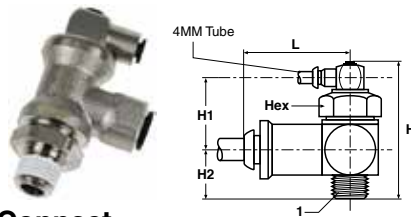
## Operation





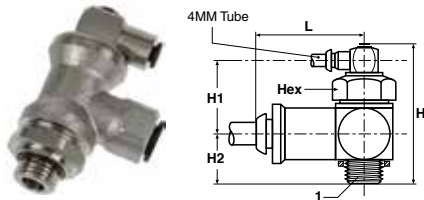
**FC601 Push-to-Connect Lock Out Valves**

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



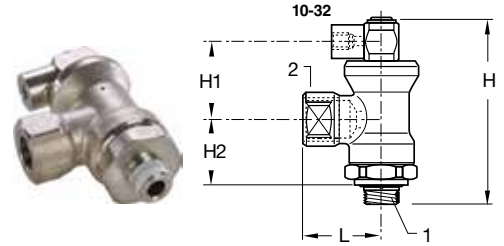
**FC601 Push-to-Connect Lock-Out Valve - BSPT**

PART NO.	TUBE SIZE (MM)	BSPT	HEX	H	H1	H2	L
FC601-6M-2R	6	1/8	21	53	24.5	21.0	28.0
FC601-6M-4R	6	1/4	21	53	24.5	21.0	28.0
FC601-8M-4R	8	1/4	21	53	24.5	21.0	28.0
FC601-8M-6R	8	3/8	24	56	25.0	23.0	34.5
FC601-10-6R	10	3/8	24	56	25.0	23.0	35.0
FC601-12M-8R	12	1/2	24	56	25.0	23.0	37.5



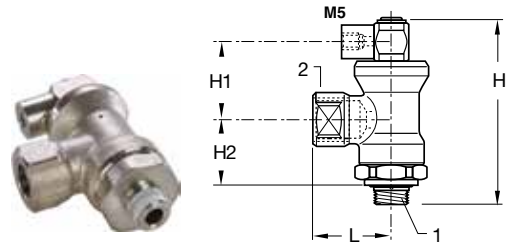
**FC601 Push-to-Connect Lock-Out Valve - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP	HEX	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



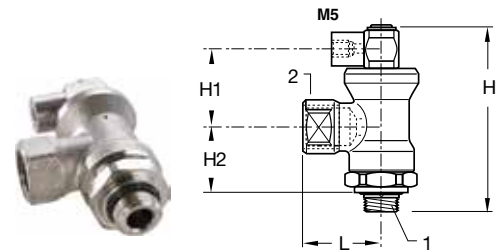
**FC602 Threaded Port Lock Out Valves**

PART NO.	1 NPT	2 NPT	HEX MM	H	H1	H2	L
FC602-2	1/8	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



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

PART NO.	BSPT 1	BSPT 2	HEX	H	H1	H2	L
FC608-4R-2R	1/4	1/8	21	51.5	31.5	20.0	26.5
FC608-4R-4R	1/4	1/4	21	51.5	31.5	20.0	26.5
FC608-6R-6R	3/8	3/8	24	55.5	29.0	26.5	34.0
FC608-8R-8R	1/2	1/2	24	55.5	29.0	26.5	40.0



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

PART NO.	BSPP 1	BSPP 2	HEX	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

# Slow Start Valves



Parker's Slow Start Valves enables you to control the rate supply pressures introduced into your system after it has been vented (e.g. at the end of the work day, emergency stops, or adjustments). Slow start valves gradually returns cylinders to the position they were in before the system was vented.

## Product Features:

- Nickel-plated brass body
- Stainless steel gripping ring
- Nickel-plated brass threads
- Nitrile seals
- Silicone free

## Markets:

- Factory/Process Automation
- Packaging
- Petrochemical
- Pneumatics

## Applications:

- Robotics
- Packaging
- Textile
- Machine Tools
- Pneumatic Systems

## Specifications:

**Pressure Range** 40 to 145 psi

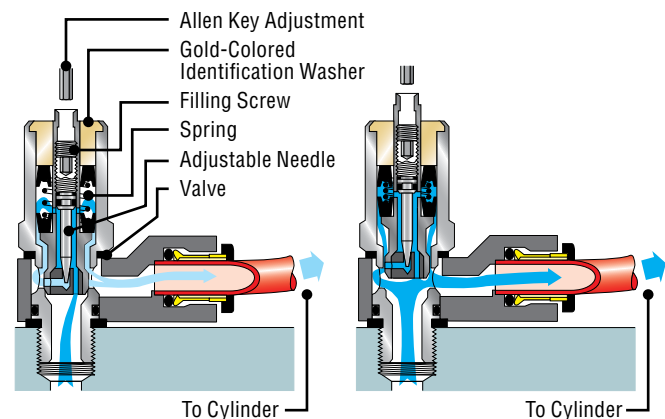
**Temperature Range** 5° to 140°F

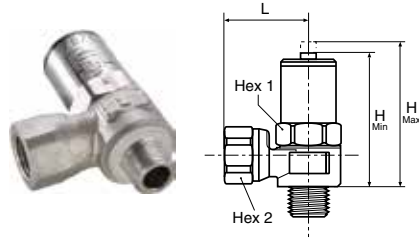
## Compatible Tubing:

- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer

## Operation

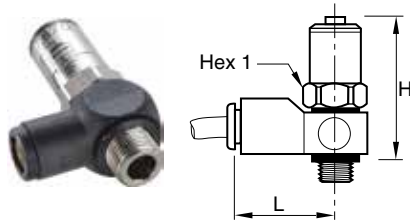
### Filter, Regulator, Lubricator





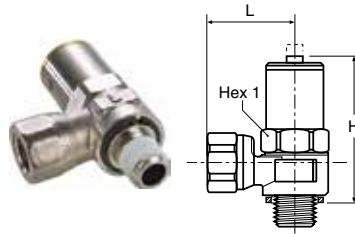
**FC908 Slow Start Valve for System Isolating**

PART NO.	NPT	HEX 1 MM	HEX 2 MM	H MIN	H MAX	L
FC908-4	1/4	7/8	3/4	2.17	2.44	1.22
FC908-6	3/8	7/8	3/4	2.17	2.44	1.36



**FC908 Push-to-Connect Slow Start Valve - BSPP for Isolated Component**

PART NO.	TUBE SIZE (MM)	BSPP	HEX 1	H CLOSED	H OPEN	L
FC908-8M-4G	8	1/4	17	54	61	35
FC908-10M-4G	10	1/4	22	55	62	41
FC908-10M-6G	10	3/8	22	55	62	41



**FCIC908 Slow Start Valve - BSPP for Isolated Component**

PART NO.	BSPP	HEX 1	H CLOSED	H OPEN	L
FCIC908-6G	3/8	22	55	62	31

# Threshold Sensor Fittings



Parker's Threshold Sensor Fitting detects the pressure drop when a cylinder reaches the end of its stroke. They produce a pneumatic or electrical output signal when the pressure drop in the exhaust chamber of the cylinder goes below their back pressure threshold.

## Product Features:

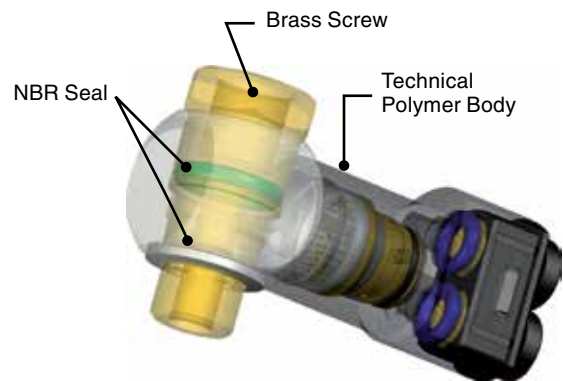
- Polymer body
- Brass screw
- NBR seal

## Markets:

- Factory/Process Automation
- Packaging
- Pneumatics
- Semi-Conductor

## Applications:

- Robotics
- Packaging
- Textile
- Machine Tools
- Pneumatic Systems



## Specifications: Model PSBJ,PSPJ

<b>Pressure Range</b>	45 to 115 psi
<b>Temperature Range</b>	5° to 140°F
<b>Breaking Pressure</b>	8.5 psi
<b>Response Time</b>	3 MS

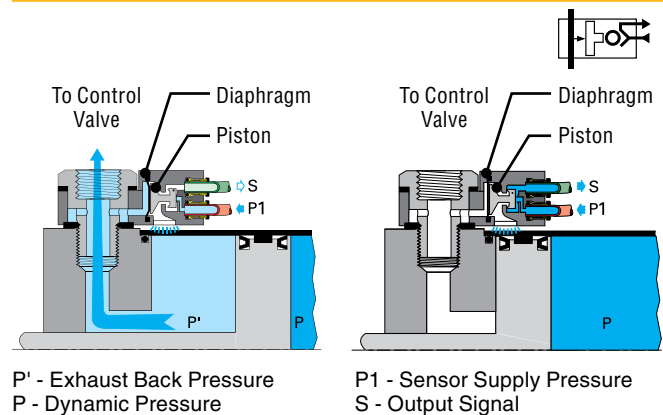
## Model PSPE

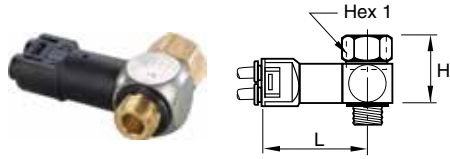
<b>Pressure Range</b>	45 to 115 psi
<b>Breaking Pressure</b>	8.5 psi
<b>Current Rating</b>	5A/250VAC – 5W/48VDC

## Compatible Tubing:

- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer

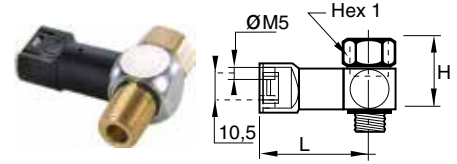
## Operation





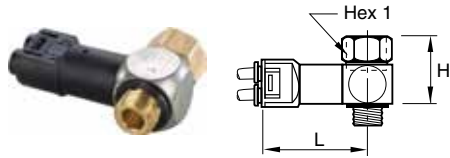
**PSBJ731 Pneumatic Threshold Sensor - 5/32 Pilot**

PART NO.	NPT / UNF	HEX MM	H	L
PSBJ731-0	10-32	5/16	0.62	1.70
PSBJ731-2	1/8	9/16	0.90	1.74
PSBJ731-4	1/4	5/8	1.09	1.81
PSBJ731-6	3/8	7/8	1.13	1.91
PSBJ731-8	1/2	1	1.17	2.05



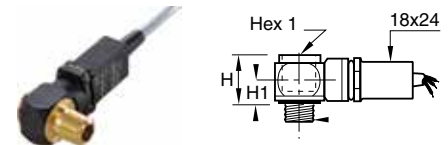
**PSBJ708 Pneumatic Threshold Sensor - M5 Pilot**

PART NO.	BSPP	HEX 1	H	L
PSBJ708-2G	1/8	14	23	40.5
PSBJ708-4G	1/4	17	28	42.5



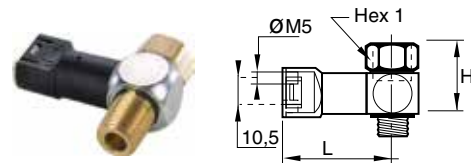
**PSBJ731 Pneumatic Threshold Sensor - 4mm Pilot**

PART NO.	BSPP	HEX 1	H	L
PSBJ731-M5	M5X0.8	8	16	43.5
PSBJ731-2G	1/8	14	23	44.5
PSBJ731-4G	1/4	17	28	46.5
PSBJ731-6G	3/8	22	29	49.0
PSBJ731-8G	1/2	27	30	52.5



**PSPE731 Pneumatic / Electric Threshold Sensor - BSPP**

PART NO.	BSPP	HEX 1	H	H1	L
PSPE731-M5	M5X0.8	8	20	10	49
PSPE731-2G	1/8	6	20	10	52
PSPE731-4G	1/4	8	20	10	54
PSPE731-6G	3/8	10	22	12	57
PSPE731-8G	1/2	12	26	14	58



**PSPJ731 Pneumatic Threshold Sensor - 10-32 Pilot**

PART NO.	NPT	HEX 1 MM	H	L
PSPJ731-2	1/8	9/16	0.90	1.58
PSPJ731-4	1/4	5/8	1.09	1.66
PSPJ731-6	3/8	7/8	1.13	1.76

# Mini Ball Valves



Parker's Mini Ball Valves enable in-line opening and closing of a pneumatic circuit. Handles are color coded and marked with the corresponding pneumatic symbol, in order to enable immediate identification by the user.

## Product Features:

- Nylon body
- Brass stem
- Stainless steel gripping ring
- NBR stem seal
- NBR o-ring
- Nylon Handle
- Lightweight and compact

## Markets:

- Factory/Process Automation
- Packaging
- Petrochemical
- Pneumatics
- Semi-Conductor

## Applications:

- Robotics
- Packaging
- Textile
- Machine Tools
- Pneumatic Systems
- Vacuum

## Specifications:

**Pressure Range** 145 psi

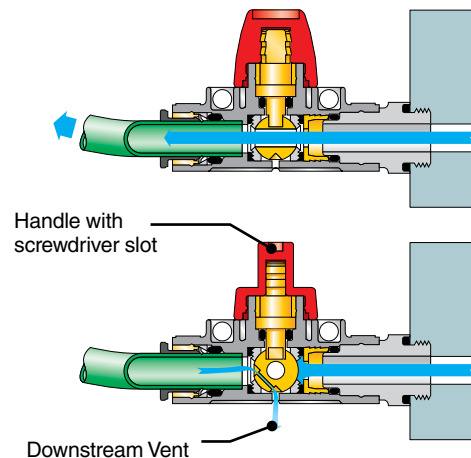
**Temperature Range** -4° to 175°F

**Vacuum Capability** 28" Hg

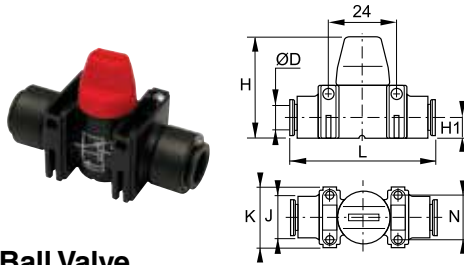
## Compatible Tubing:

- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer

## Operation

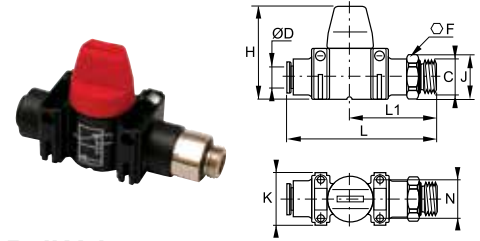






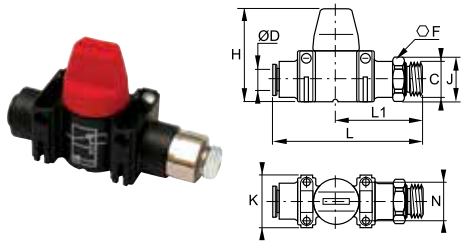
**MVV309 Mini Ball Valve**  
Vented Push-To-Connect Ports

PART NO.	TUBE SIZE (IN)	H	H1	J	K	L	N
MVV309-4	1/4	1.46	.30	.59	.87	2	.64
MVV309-6	3/8	1.69	.43	.79	1.18	2.6	.87
METRIC							
MVV309-4M (5/32)	4	37.00	7.50	15.00	22.00	51	16.20
MVV309-6M	6	37.00	7.50	15.00	22.00	52	16.20
MVV309-8M (5/16)	8	37.00	7.50	15.00	22.00	52	16.20
MVV309-10M	10	43.00	11.00	20.00	30.00	66	22.00
MVV309-12M	12	43.00	11.00	20.00	30.00	66	22.00



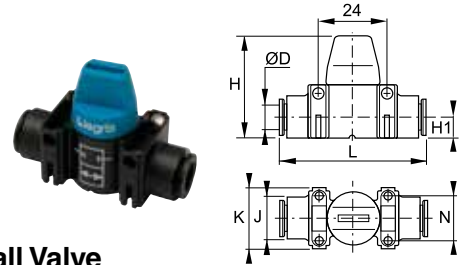
**MVV308 Mini Ball Valve**  
Vented BSPF to Push-To-Connect Port

PART NO.	TUBE SIZE (MM)	BSPF	F	H	J	K	L	L1	N
MVV308-6M-2G	6	G1/8	13	37	14.00	22	62	37	16.20
MVV308-8M-4G	8	G1/4	16	37	17.50	22	61	35	16.20
MVV308-10M-6G	10	G3/8	20	43	22.00	30	74	41	22.00



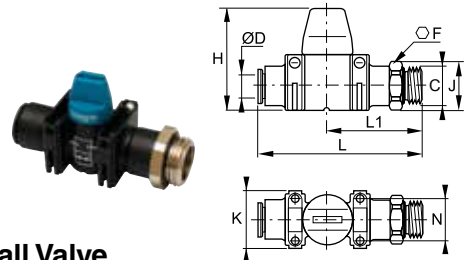
**MVV308 Mini Ball Valve**  
Vented NPT to Push-To-Connect Port

PART NO.	TUBE SIZE (IN)	NPT	F	H	J	K	L	L1	N
MVV308-5/32-2	5/32	1/8	13	1.46	.55	.87	2.44	1.46	.64
MVV308-4-2	1/4	1/8	13	1.46	.55	.87	2.44	1.46	.64
MVV308-4-4	1/4	1/4	14	1.46	.59	.87	2.44	1.38	.64
MVV308-5-4	5/16	1/4	14	1.46	.59	1.18	2.40	1.61	.64
MVV308-6-4	3/8	1/4	16	1.69	.69	1.18	2.40	1.65	.87
MVV308-6-6	3/8	3/8	18	1.69	.77	1.18	2.91	1.65	.87



**MV309 Mini Ball Valve**  
Push-To-Connect Ports

PART NO.	TUBE SIZE (IN)	H	H1	J	K	L	N
MV309-4	1/4	1.46	.30	.59	.87	2.05	.64
MV309-6	3/8	1.69	.43	.79	1.18	2.60	.64
METRIC							
MV309-4M (5/32)	4	37.00	7.50	15.00	22.00	51.00	16.20
MV309-6M	6	37.00	7.50	15.00	22.00	52.00	16.20
MV309-8M (5/16)	8	37.00	7.50	15.00	22.00	52.00	16.20
MV309-10M	10	43.00	11.00	20.00	30.00	66.00	16.20
MV309-12M	12	43.00	11.00	20.00	30.00	66.00	16.20



**MV308 Mini Ball Valve**  
BSPF to Push-To-Connect Port

PART NO.	TUBE SIZE (MM)	BSPF	F	H	J	K	L	L1	N
MV308-6M-2G	6	G1/8	13	37	14	22	62	37	16.20
MV308-10M-6G	10	G3/8	20	43	22	30	74	41	16.20
MV308-12M-8G	12	G1/2	24	43	26	30	75	42	16.20

