

Function fittings

Series IPC



Ordering code

IPCVC 04 G04 B

MODEL TYPE

- IPCVC** = Straight male tapered unidirectional fitting
IPCVC-G = Straight male parallel unidirectional fitting
IPCVF = Tapered male/female unidirectional fitting
IPCVF-G = Parallel male/female unidirectional fitting
IPCVCU = Unidirectional straight connector

TUBE CONNECTION

4 ... 12 = Tube diameter Ø 4; 6; 8; 10; 12 mm

THREADED CONNECTION

- 01** = R1/8" Tapered thread
02 = R1/4" Tapered thread
03 = R3/8" Tapered thread
04 = R1/2" Tapered thread
G01 = G1/8" Parallel thread
G02 = G1/4" Parallel thread
G03 = G3/8" Parallel thread
G04 = G1/2" Parallel thread

FLOW RATE DIRECTION

- BLANK** = from thread to tube
B = from tube to thread

Features

Allow the airflow in one direction but stops in the opposite direction.

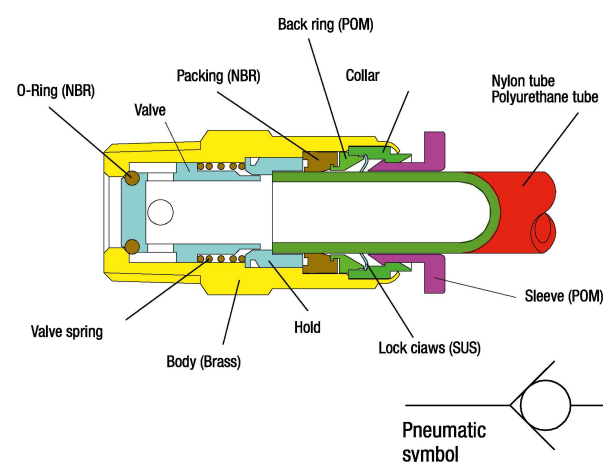
Notes

Tight the thread according to the rule.
 It won't work if too tight.

Applications

Check valves allow airflow in one direction

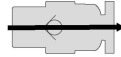
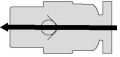
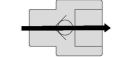
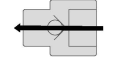
Structure chart



Technical sheet

FLUID	Air (no other gases or liquids)
OPERATION PRESSURE	0,05-1,0Mpa (150psi)
NEGATIVE PRESSURE	Please contact technical Dept.
OPERATING TEMPERATURE	0-60 °C (32-140 °F)
APPLICABLE TUBE	Polyurethane and Nylon

Control method

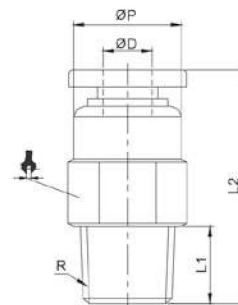
AIR FLOW	METER IN	METER OUT (B)
AIR FLOW	Thread to tube	Tube to thread
PCVC		
PCVF		

ART. IPCVC

Straight male tapered unidirectional fitting



COD.	ØD	R	L1	L2	ØP			
IPCVC04-M5	4	M5	3,5	29,2	10	10	1	10,40
IPCVC04-M6	4	M6	4,0	28,2	10	10	1	10,40
IPCVC04-01	4	1/8	7,5	25,0	10	10	1	9,20
IPCVC06-01	6	1/8	7,5	26,0	12	12	1	10,20
IPCVC06-02	6	1/4	9,5	37,0	12	14	1	19,50
IPCVC08-01	8	1/8	7,5	28,5	14	14	1	13,70
IPCVC08-02	8	1/4	9,5	39,0	14	14	1	27,50
IPCVC08-03	8	3/8	10,5	35,2	14	17	1	30,40
IPCVC10-02	10	1/4	9,5	42,9	17	17	1	30,70
IPCVC10-03	10	3/8	10,5	41,6	17	17	1	45,80
IPCVC10-04	10	1/2	13,5	43,7	17	21	1	48,90
IPCVC12-02	12	1/4	9,5	44,2	20	21	1	50,00
IPCVC12-03	12	3/8	10,5	42,5	20	21	1	54,50
IPCVC12-04	12	1/2	13,5	44,5	20	21	1	60,70

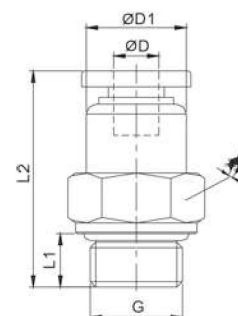


ART. IPCVC-G

Straight male parallel unidirectional fitting



COD.	ØD	G	ØD1	L1	L2			
IPCVC04-G01	4	1/8	10,0	5,5	24,4	10	1	9,20
IPCVC06-G01	6	1/8	12,0	5,5	26,0	12	1	10,20
IPCVC06-G02	6	1/4	12,0	7,5	33,0	12	1	19,50
IPCVC08-G01	8	1/8	14,0	5,5	28,5	14	1	13,70
IPCVC08-G02	8	1/4	14,0	7,5	34,8	14	1	27,50
IPCVC08-G03	8	3/8	14,0	7,5	34,8	14	1	30,40
IPCVC10-G02	10	1/4	17,0	7,5	39,5	17	1	30,60
IPCVC10-G03	10	3/8	17,0	7,5	41,6	20	1	45,80
IPCVC10-G04	10	1/2	17,0	10,0	43,7	24	1	48,90
IPCVC12-G02	12	1/4	20,0	7,5	40,3	21	1	50,00
IPCVC12-G03	12	3/8	20,0	7,5	42,3	21	1	54,50
IPCVC12-G04	12	1/2	20,0	10,0	44,4	24	1	60,70

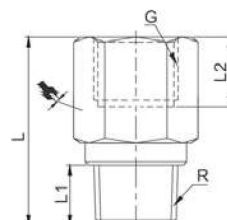


ART. IPCVF

Tapered male/female unidirectional fitting



COD.	R	G	L1	L2	L			
IPCVF-01-01	1/8	1/8	7,5	8,5	23,0	14	1	12,50
IPCVF-02-02	1/4	1/4	9,5	11,0	36,0	17	1	14,70
IPCVF-03-03	3/8	3/8	10,5	12,0	32,9	21	1	16,80
IPCVF-04-04	1/2	1/2	13,5	14,0	37,0	24	1	18,80

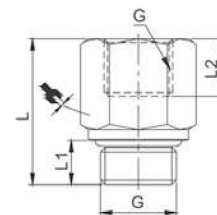


ART. **IPCVF-G**

Parallel male/female unidirectional fitting



COD.	G	L1	L2	L			
IPCVF-01-G01	1/8	5,5	8,5	23,0	14	1	12,50
IPCVF-02-G02	1/4	7,5	11,0	32,0	17	1	14,70
IPCVF-03-G03	3/8	7,5	12,0	32,9	21	1	16,80
IPCVF-04-G04	1/2	10,0	14,0	37,0	24	1	18,80



ART. **IPCVU**

Unidirectional straight connector



COD.	ØD	ØP	L		
IPCVU04	4	11,0	40,4	1	5,70
IPCVU06	6	13,0	41,2	1	6,50
IPCVU08	8	14,5	52,6	1	9,90
IPCVU10	10	21,0	62,2	1	49,40
IPCVU12	12	21,0	63,3	1	46,00

