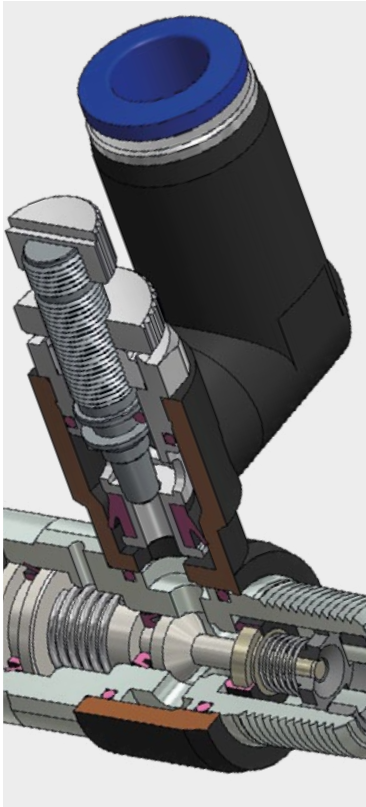




0°C ÷ 60°C



Working pressure:
10 Bar

Negative pressure:
- 0,95 Bar (- 95 Kpa)

Min. pilot pressure:
More than 50% of the working pressure (more than 1 Bar)



Compressed air & vacuum
(do not use with water)



- Taper gas BSPT ISO 7
from R1/8" to R1/2" with teflon
- Parallel gas BSPP ISO 228
from G1/8" to G1/2"



Polyamide PA, Polyurethane PU



Manual flow regulation

Body: Nickel-plated brass and PBT

Collet: POM

Collar: Zinc

Lock claw: Stainless steel AISI 301

Back ring: POM

Seal: NBR

O-ring: NBR

Handle: Nickel-plated brass

Lock nut: Nickel-plated brass

SILICONE FREE

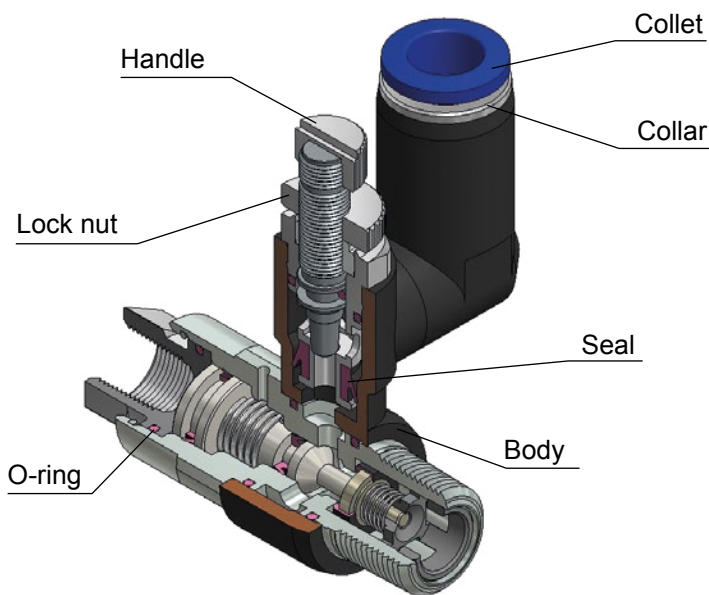


Products in compliance with
EC Regulation 1907/2006

RoHS3

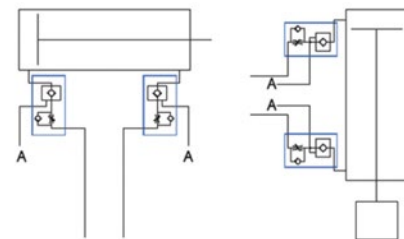
Products in compliance with
the directive EU 2015/863

CONSTRUCTION DETAILS



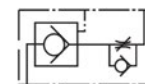
APPLICATIONS EXAMPLES

Application examples for temporary stops and emergency stops.



Assembly in pairs on cylinders that ensure the stem block in case of absence of air and at the same time the flow regulation.

Offer possibility to obtain intermitted positions even with applied loads



TIGHTENING TORQUE

TAPER GAS BSPT ISO 7

THREAD	1/8"	1/4"	3/8"	1/2"
Nm	7	12	22	28

TIGHTENING TORQUE

PARALLEL GAS BSPP ISO 228

THREAD	1/8"	1/4"	3/8"	1/2"
Nm	10	15	25	40

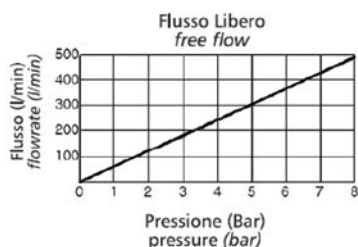
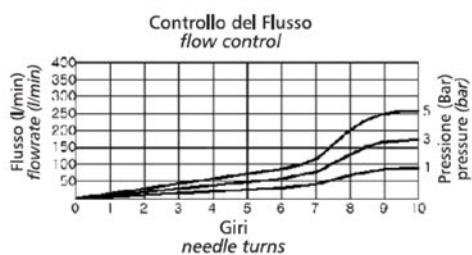


FEATURES

Double functions flow regulators have an integrated unidirectional valve for pneumatic block.

FLOW CHARTS

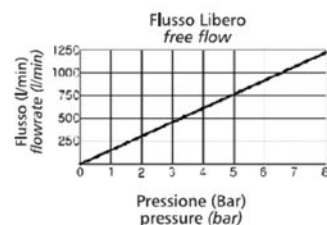
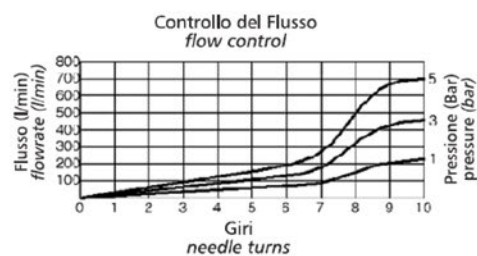
PVSC 06-01
PVSC 08-01



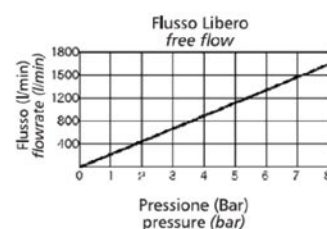
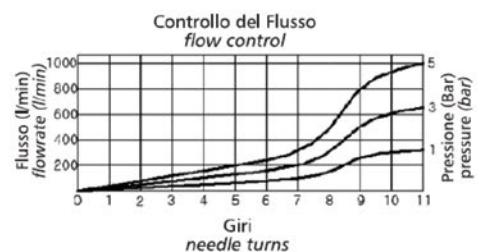
PVSC 06-02
PVSC 08-02



PVSC 08-03
PVSC 10-03
PVSC 12-03

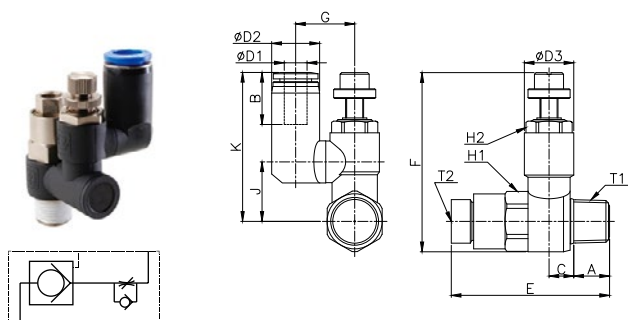


PVSC 10-04
PVSC 12-04



PVSC-R

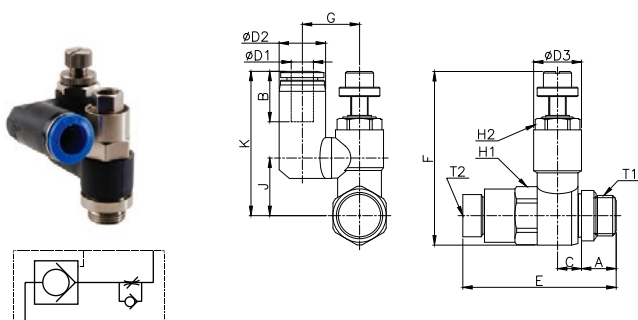
Flow regulator with pilot check valve, BSPT thread, with manual regulation



CODE	ØD	T1	T2	A	B	ØD1	ØD2	ØD3	C	E	F _{MIN}	F _{MAX}	G	J	K	H1	H2	g
PVSC06R01	6	R 1/8"	M5x0,8	8,0	17,0	6,0	12,6	12,1	8,0	35,4	43,6	48,4	16,1	14,9	38,9	12	10	30,4
PVSC06R02		R 1/4"	R 1/8"	10,5	17,0	6,0	12,6	15,4	7,6	42,0	55,4	60,4	19,4	18,4	44,3	17	13	63,5
PVSC08R01	8	R 1/8"	M5x0,8	8,0	19,1	8,0	14,9	12,1	8,0	35,4	43,6	48,4	17,3	14,9	39,8	12	10	33,6
PVSC08R02		R 1/4"	R 1/8"	10,5	19,1	8,0	14,9	15,4	7,6	42,0	55,4	60,4	18,4	18,4	46,7	17	13	66,3
PVSC08R03		R 3/8"	R 1/8"	11,4	19,1	8,0	15,1	20,3	9,6	49,7	58,4	63,4	23,4	21,4	50,7	19	17	101,3
PVSC10R02	10	R 1/4"	R 1/8"	10,5	20,2	10,0	17,6	15,4	7,6	42,0	55,4	60,4	19,2	18,4	49,1	17	13	70,2
PVSC10R03		R 3/8"	R 1/8"	11,4	20,2	10,0	17,6	20,3	9,6	49,7	58,4	63,4	23,4	21,4	53,0	19	17	105,2
PVSC10R04		R 1/2"	R 1/4"	14,4	20,2	10,0	17,6	27,3	12,8	59,8	72,0	78,0	26,4	31,3	64,4	24	23	203,3
PVSC12R03	12	R 3/8"	R 1/8"	11,4	22,7	12,0	20,6	20,3	9,6	49,7	58,4	63,4	23,4	21,4	54,8	19	17	110,0
PVSC12R04		R 1/2"	R 1/4"	14,4	22,7	12,0	20,6	27,3	12,8	59,8	72,0	78,0	26,4	31,3	67,2	24	23	235,0

PVSC-G

Flow regulator with pilot check valve, BSPP thread, with manual regulation



CODE	ØD	T1	T2	A	B	ØD1	ØD2	ØD3	C	E	F _{MIN}	F _{MAX}	G	J	K	H1	H2	g
PVSC06G01	6	G 1/8"	M5x0,8	5,0	17,0	6,0	12,6	12,1	11,0	35,4	43,6	48,4	16,1	14,9	38,9	12	10	38,9
PVSC06G02		G 1/4"	G 1/8"	6,5	17,0	6,0	12,6	15,4	11,6	42,0	55,4	60,4	19,4	18,4	44,3	17	13	75,7
PVSC08G01	8	G 1/8"	M5x0,8	5,0	19,1	8,0	14,9	12,1	11,0	35,4	43,6	48,4	17,3	14,9	39,8	12	10	40,7
PVSC08G02		G 1/4"	G 1/8"	6,5	19,1	8,0	14,9	15,4	11,6	42,0	55,4	60,4	18,4	18,4	46,7	17	13	77,6
PVSC08G03		G 3/8"	G 1/8"	7,0	19,1	8,0	15,1	20,3	14,0	49,7	58,4	63,4	23,4	21,4	50,7	19	17	129,3
PVSC10G02	10	G 1/4"	G 1/8"	6,5	20,2	10,0	17,6	15,4	11,6	42,0	55,4	60,4	19,2	18,4	49,1	17	13	70,2
PVSC10G03		G 3/8"	G 1/8"	7,0	20,2	10,0	17,6	20,3	14,0	49,7	58,4	63,4	23,4	21,4	53,0	19	17	131,2
PVSC10G04		G 1/2"	G 1/4"	8,5	20,2	10,0	17,6	27,3	18,7	59,8	72,0	78,0	26,4	31,3	64,4	24	23	240,6
PVSC12G03	12	G 3/8"	G 1/8"	7,0	22,7	12,0	20,6	20,3	14,0	49,7	58,4	63,4	23,4	21,4	54,8	19	17	135,0
PVSC12G04		G 1/2"	G 1/4"	8,5	22,7	12,0	20,6	27,3	18,7	59,8	72,0	78,0	26,4	31,3	67,2	24	23	244,6

