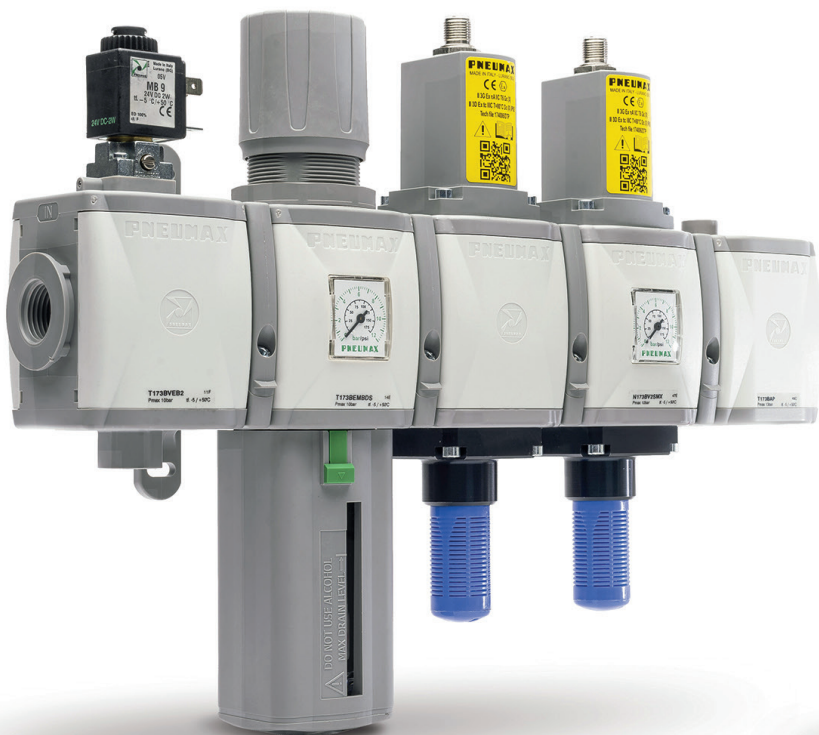




PNEUMAX



SERIES AIRPLUS AIR TREATMENT

SAFETY AND RELIABILITY



Product overview

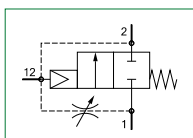
PRODUCT	VERSION	SIZE				MAX. PRESSURE		MIN - MAX AMBIENT TEMPERATURE			ATEX
		Size 1	Size 2	Size 3	Size 4	Technopolymer body or bowl	Metal body and bowl	Technopolymer body or bowl	Metal body and bowl	Automatic drain	
FILTER (F)	T : Technopolymer body and thread	●	●	●		13 bar - 10 bar (automatic drain)	/ 20 bar - 16 bar (automatic drain)	-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	-5 °C ... +50 °C	●
	N : Technopolymer body and metal inserts	●	●	●							
	P : Aluminum body		●	●	●						
	L : Aluminum body, low temperature		●	●	●						
COALESCING FILTER (D)	T : Technopolymer body and thread	●	●	●		13 bar - 10 bar (automatic drain)	/ 20 bar - 16 bar (automatic drain)	-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	-5 °C ... +50 °C	●
	N : Technopolymer body and metal inserts	●	●	●							
	P : Aluminum body		●	●	●						
	L : Aluminum body, low temperature		●	●	●						
OIL REMOVAL FILTER (DBV) (DCV) (DAV)	T : Technopolymer body and thread			●		10 bar		-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	-5 °C ... +50 °C	●
	N : Technopolymer body and metal inserts			●							
	P : Aluminum body			●	●						
	L : Aluminum body, low temperature										
CARBON FILTER (DD)	T : Technopolymer body and thread			●		13 bar	/ 20 bar	-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	-5 °C ... +50 °C	●
	N : Technopolymer body and metal inserts			●							
	P : Aluminum body			●	●						
	L : Aluminum body, low temperature			●	●						
REGULATOR (R) (RM) (RW)	T : Technopolymer body and thread	●	●	●		13 bar	20 bar	-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	●
	N : Technopolymer body and metal inserts	●	●	●							
	P : Aluminum body		●	●	●						
	L : Aluminum body, low temperature		●	●	●						
PRESSURE REGULATORS FOR MANIFOLD (B - M)	T : Technopolymer body and thread	●				13 bar	/ 20 bar	-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	●
	N : Technopolymer body and metal inserts	●									
	P : Aluminum body										
	L : Aluminum body, low temperature										
PILOTTED PRESSURE REGULATORS (RP) (RMP) (RPP)	T : Technopolymer body and thread					/ 20 bar	/ 20 bar	/ 20 bar	/ 20 bar	/ 20 bar	●
	N : Technopolymer body and metal inserts										
	P : Aluminum body				●						
	L : Aluminum body, low temperature										
PILOTTED PRESSURE REGULATORS WITH DIGITAL PRESSURE SWITCH (RPP) (RPZ)	T : Technopolymer body and thread					/ 20 bar	/ 20 bar	/ 20 bar	/ 20 bar	/ 20 bar	●
	N : Technopolymer body and metal inserts										
	P : Aluminum body				●						
	L : Aluminum body, low temperature										
FILTER REGULATOR (E) (EM) (EW)	T : Technopolymer body and thread	●	●	●		13 bar - 10 bar (automatic drain)	20 bar - 16 bar (automatic drain)	-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	-5 °C ... +50 °C	●
	N : Technopolymer body and metal inserts	●	●	●							
	P : Aluminum body		●	●	●						
	L : Aluminum body, low temperature		●	●	●						
REGULATOR WITH DIGITAL PRESSURE SWITCH (RP) (RZ)	T : Technopolymer body and thread	●	●	●		13 bar	20 bar	0 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	●
	N : Technopolymer body and metal inserts	●	●	●							
	P : Aluminum body		●	●	●						
	L : Aluminum body, low temperature		●	●	●						
FILTER REGULATOR WITH DIGITAL PRESSURE SWITCH (E) (EP) (EZ)	T : Technopolymer body and thread	●	●	●		13 bar - 10 bar (automatic drain)	20 bar - 16 bar (automatic drain)	0 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	-5 °C ... +50 °C	●
	N : Technopolymer body and metal inserts	●	●	●							
	P : Aluminum body		●	●	●						
	L : Aluminum body, low temperature		●	●	●						
LUBRICATOR (L)	T : Technopolymer body and thread	●	●	●		13 bar		-5 °C ... +50 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	/ -30 °C ... +80 °C -40 °C ... +80 °C	●
	N : Technopolymer body and metal inserts	●	●	●							
	P : Aluminum body		●	●	●						
	L : Aluminum body, low temperature		●	●	●						

PRODUCT	VERSION	SIZE				MAX. PRESSURE		MIN - MAX AMBIENT TEMPERATURE			ATEX
		Size 1	Size 2	Size 3	Size 4	Technopolymer body or bowl	Metal body and bowl	Technopolymer body or bowl	Metal body and bowl	Automatic drain	
LUBRICATOR WITH ELECTRICAL MINIMUM LEVEL SENSOR (LA) (LC)	T : Technopolymer body and thread	•	•	•		13 bar		-5 °C ... +50 °C		/	
	N : Technopolymer body and metal inserts	•	•	•							
	P : Aluminum body		•	•	•						
	L : Aluminum body, low temperature					/		/			
SHUT OFF VALVE (VL)	T : Technopolymer body and thread	•	•	•		13 bar - 10 bar (for size 4)		-5 °C ... +50 °C	/	/	•
	N : Technopolymer body and metal inserts	•	•	•					-30 °C ... +80 °C		
	P : Aluminum body		•	•	•				-40 °C ... +80 °C		
	L : Aluminum body, low temperature		•	•	•						
PNEUMATIC SHUT OFF VALVE (VP)	T : Technopolymer body and thread	•	•	•		13 bar	20 bar	-5 °C ... +50 °C	/	/	•
	N : Technopolymer body and metal inserts	•	•	•					-30 °C ... +80 °C		
	P : Aluminum body		•	•	•				-40 °C ... +80 °C		
	L : Aluminum body, low temperature		•	•	•						
ELECTRIC SHUT OFF VALVE (VE)	T : Technopolymer body and thread	•	•	•		10 bar		-5 °C ... +50 °C		/	•
	N : Technopolymer body and metal inserts	•	•	•							
	P : Aluminum body		•	•	•						
	L : Aluminum body, low temperature					/		/			
PROGRESSIVE START-UP VALVE (AP)	T : Technopolymer body and thread	•	•	•		13 bar - 10 bar (for size 4)		-5 °C ... +50 °C		/	•
	N : Technopolymer body and metal inserts	•	•	•							
	P : Aluminum body		•	•	•						
	L : Aluminum body, low temperature		•	•	•						
AIR INTAKE (PA)	T : Technopolymer body and thread	•	•	•		13 bar	20 bar	-5 °C ... +50 °C	/	/	•
	N : Technopolymer body and metal inserts	•	•	•					-30 °C ... +80 °C		
	P : Aluminum body		•	•	•						
	L : Aluminum body, low temperature					/		/			
PRESSURE SWITCH (PP)	T : Technopolymer body and thread	•	•	•		13 bar	20 bar	-5 °C ... +50 °C		/	
	N : Technopolymer body and metal inserts	•	•	•							
	P : Aluminum body		•	•	•						
	L : Aluminum body, low temperature					/		/			
AIR INTAKE WITH INTEGRATED PRESSURE GAUGE (PM-PW)	T : Technopolymer body and thread	•	•	•		13 bar		-5 °C ... +50 °C	/	/	•
	N : Technopolymer body and metal inserts	•	•	•					-30 °C ... +80 °C		
	P : Aluminum body		•	•	•						
	L : Aluminum body, low temperature					/		/			
AIR INTAKE WITH INTEGRATED DIGITAL PRESSURE SWITCH (PP-PZ)	T : Technopolymer body and thread	•	•	•		13 bar		0 °C ... +50 °C		/	
	N : Technopolymer body and metal inserts	•	•	•							
	P : Aluminum body		•	•	•						
	L : Aluminum body, low temperature					/		/			

Progressive start-up valve (AP - APW)



- ▶ Progressive start-up valve
- ▶ Available in 4 sizes with flow rates up to 15000 NI/min and connections from 1/8" to 1"
- ▶ Suitable for downstream system gradual pressurization
- ▶ Downstream circuit filling time regulated via a built in flow regulator
- ▶ Full pressure is allowed once the down stream circuit pressure reaches 50% of the inlet pressure
- ▶ Atex certification (II 2GD or II 3GD)



Technical characteristics					
Size		Size 1	Size 2	Size 3	Size 4
Body and connections type		Technopolymer body, integrated technopolymer connections (T version) Technopolymer body, metal connections (N version)			/
		/	Aluminium body, integrated aluminium connections (P version)		
IN / OUT connections	T version	G1/4"	G3/8"	G1/2"	not available
	N version	G1/8" - G1/4" - 1/4" NPT	G3/8" - G1/4" - 3/8" NPT	G3/8" - G1/2" - 1/2" NPT	
	P version	non disponibile	G3/8"	G1/2"	G1"
Assembly configuration		Stand alone			Panel mounted
		/			
Assembly positions		Indifferent			
Max. fittings torque IN / OUT connections		G1/8" metal: 15 Nm G1/4" metal: 20 Nm G1/4" technopolymer: 9 Nm	G1/4" metal: 20 Nm G3/8" metal: 25 Nm G3/8" technopolymer: 16 Nm	G3/8" metal: 25 Nm G1/2" metal: 30 Nm G1/2" technopolymer: 22 Nm	G1" metal: 35 Nm

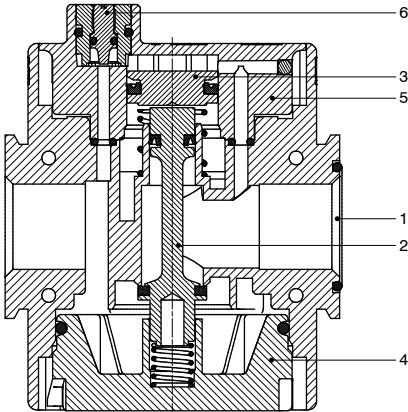
Operational characteristics				
Size	Size 1	Size 2	Size 3	Size 4
Maximum working pressure	13 bar			10 bar
Minimum working pressure	2,5 bar			
Working temperature	-5 °C ... +50 °C			
Nominal flow rate at 6 bar with Δp=1 (from 1 to 2)	1400 NI/min	2200 NI/min	3600 NI/min	15000 NI/min
Fully open flow control device maximum flow rate	75 NI/min	200 NI/min	200 NI/min	1000 NI/min



Weights					
	Size	Size 1	Size 2	Size 3	Size 4
Technopolymer body version		80 g	150 g	240 g	/
Aluminium body version		/	235 g	370 g	1100 g

Materials

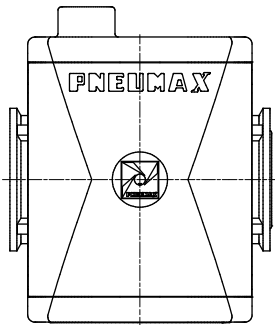
Exploded sectioned



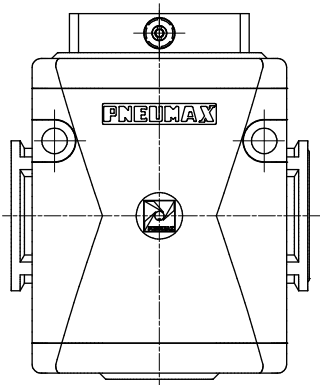
Progressive start-up valve		
1	Body	Polyamide Die-cast aluminium
2	Drive pin	Aluminium
3	Piston	Aluminium
4	Rear end cap	Polyamide / Die-cast aluminium
5	Central support	Polyamide / Aluminium
6	Modulating needle	Brass

Design

Size 1 - Size 2 - Size 3



Size 4

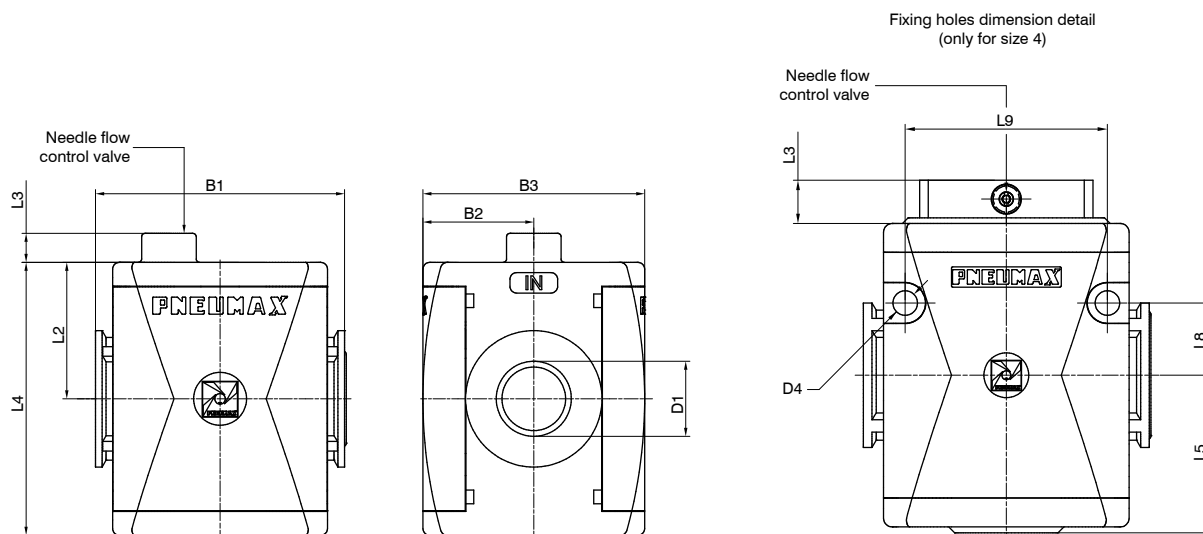


Order codes

Version	T	17	3B	AP	
N : Technopolymer body and metal inserts (not available for size 4)					
T : Technopolymer body and thread (not available for size 4)					
P : Aluminum body (not available for size 1)					
Size and connections					
1A : Size 1 - G1/8" only for N version					
1B : Size 1 - G1/4" only for T - N versions					
1C : Size 1 - 1/4" NPT only for N version					
2A : Size 2 - G1/4" only for N version					
2B : Size 2 - G3/8" for all versions					
2C : Size 2 - 3/8" NPT only for N version					
3A : Size 3 - G3/8" only for N version					
3B : Size 3 - G1/2" for all versions					
3C : Size 3 - 1/2" NPT only for N version					
4B : Size 4 - G1" only for P version					
Flow direction (only for size 4)					
: From left to right					
W : From right to left					

Example : T173BAP : Size 3 progressive start-up valve G1/2"

Dimensions

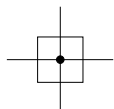


Model	B1	B2	B3	D1	D4	L2	L3	L4	L5	L8	L9
#171..	48	21	42	G1/8" G1/4"	/	27,5	12	55	/	/	/
#172..	62	28,5	57	G1/4" G3/8"	/	34	9,2	68	/	/	/
#173..	73	32,5	65	G3/8" G1/2"	/	40	8,7	80	/	/	/
#174..	99	44	88	G1"	8,5	52,5	13	105	54,5	25	70

Air intake (PA)



- ▶ Pneumatic by-pass
- ▶ Available with 2 threaded connections
- ▶ Atex certification (II 2GD or II 3GD)



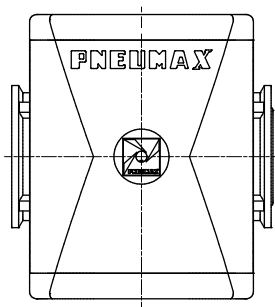
Technical characteristics					
Size		Size 1	Size 2	Size 3	Size 4
Body and connections type		Technopolymer body, integrated technopolymer connections (T version) Technopolymer body, metal connections (N version)			/
		/	Aluminium body, integrated aluminium connections (P version)		
IN / OUT / INTAKE connections	T version	G1/4"	G3/8"	G1/2"	not available
	N version	G1/8" - G1/4" - 1/4" NPT	G3/8" - G1/4" - 3/8" NPT	G3/8" - G1/2" - 1/2" NPT	
	P version	not available	G3/8"	G1/2"	G1"
Assembly configuration		Stand alone			
Assembly positions		/			Panel mounted
Max. fitting torque IN / OUT / INTAKE connections		G1/8" metal: 15 Nm G1/4" metal: 20 Nm G1/4" technopolymer: 9 Nm	G1/4" metal: 20 Nm G3/8" metal: 25 Nm G3/8" technopolymer: 16 Nm	G3/8" metal: 25 Nm G1/2" metal: 30 Nm G1/2" technopolymer: 22 Nm	G1" metal: 35 Nm

Operational characteristics					
Size		Size 1	Size 2	Size 3	Size 4
Maximum working pressure		13 bar			20 bar
Working temperature		-5 °C ... +50 °C			-30 °C ... +80 °C (only for P version)

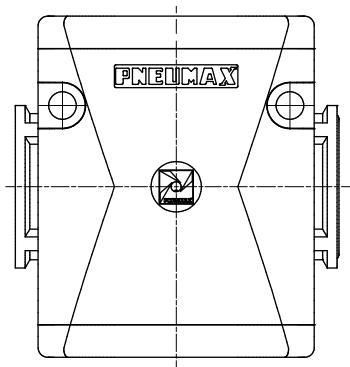
Weights					
Size		Size 1	Size 2	Size 3	Size 4
Technopolymer body version		52 g	95,5 g	151 g	/
Aluminium body version		/	248 g	370 g	720 g

Design

Size 1 - Size 2 - Size 3



Size 4

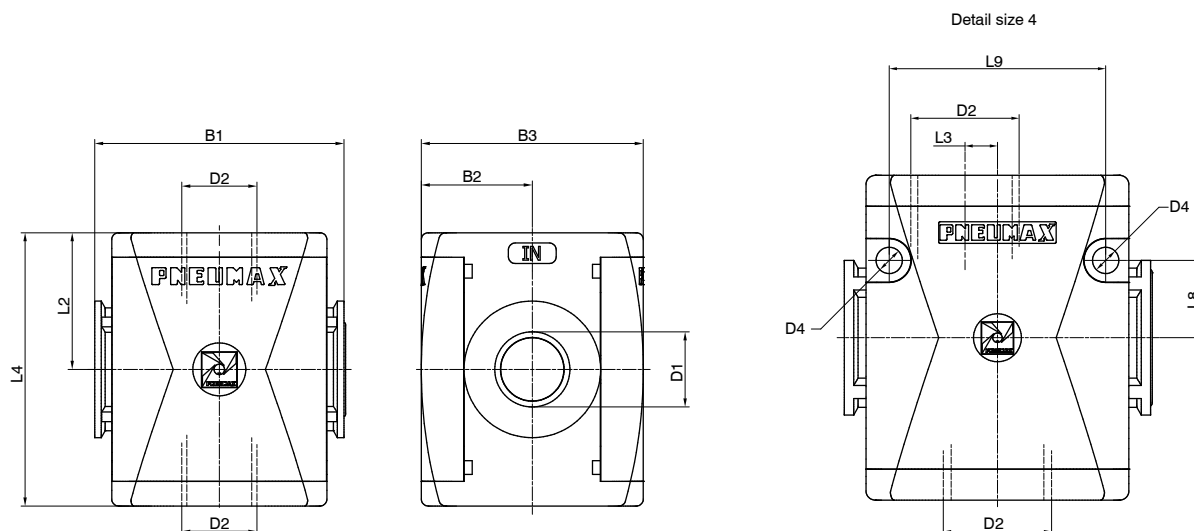


Order codes

Version	T	17	3B	PA
N : Technopolymer body and metal inserts (not available for size 4)				
T : Technopolymer body and thread (not available for size 4)				
P : Aluminium body (not available only for size 1)				
Size and connections				
1A : Size 1 - G1/8" only for N version				
1B : Size 1 - G1/4" only for T - N versions				
1C : Size 1 - 1/4" NPT only for N version				
2A : Size 2 - G1/4" only for N version				
2B : Size 2 - G3/8" for all versions				
2C : Size 2 - 3/8" NPT only for N version				
3A : Size 3 - G3/8" only for N version				
3B : Size 3 - G1/2" for all versions				
3C : Size 3 - 1/2" NPT only for N version				
4B : Size 4 - G1" only for P version				

Example : T173BPA : Size 3 air intake G1/2"

Dimensions

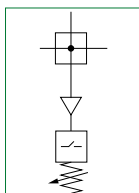


Model	B1	B2	B3	D1	D2	D4	L2	L3	L4	L8	L9
#171..	48	21	42	G1/8" G1/4" 1/4" NPT	/	27,5	/	55	/	/	/
#172..	62	28,5	57	G3/8" G1/4" 3/8" NPT	/	34	/	68	/	/	/
#173..	73	32,5	65	G3/8" G1/2" 1/2" NPT	/	40	/	80	/	/	/
#174..	99	44	88	G1"	8,5	52,5	10,5	105	25	70	70

Pressure switch (PP)



- ▶ 2 to 10 bar adjustable pressure switch with electrical connection
- ▶ The electrical connection is made by mean of a 15 mm connector (DIN 43650 type C)
- ▶ The microswitch contact could be normally closed or open (change overswitch)



Technical characteristics					
Size		Size 1	Size 2	Size 3	Size 4
Body and connections type		Technopolymer body, integrated technopolymer connections (T version) Technopolymer body, metal connections (N version)			/
		/	Aluminium body, integrated aluminium connections (P version)		
IN / OUT / INTAKE connections	T version	G1/4"	G3/8"	G1/2"	not available
	N version	G1/8" - G1/4" - 1/4" NPT	G3/8" - G1/4" - 3/8" NPT	G3/8" - G1/2" - 1/2" NPT	
	P version	not available	G3/8"	G1/2"	G1"
Assembly configuration		Stand alone			
Assembly positions		Indifferent			
Microswitch capacity		1A			
Microswitch maximum tension		250 VAC			
Microswitch IP Rating		IP65 (with connector installed)			
Max. fitting torque IN / OUT / INTAKE connections		G1/8" metal: 15 Nm G1/4" metal: 20 Nm G1/4" technopolymer: 9 Nm	G1/4" metal: 20 Nm G3/8" metal: 25 Nm G3/8" technopolymer: 16 Nm	G3/8" metal: 25 Nm G1/2" metal: 30 Nm G1/2" technopolymer: 22 Nm	G1" metal: 35 Nm

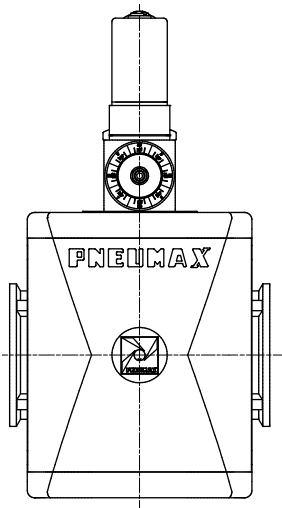
Operational characteristics					
Size		Size 1	Size 2	Size 3	Size 4
Maximum working pressure		13 bar			
Working temperature		-5 °C ... +50 °C			
Operating pressure range		2 - 10 bar			



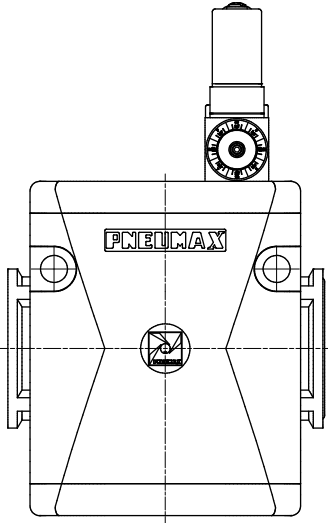
Weights					
	Size	Size 1	Size 2	Size 3	Size 4
Technopolymer body version		138 g	179 g	235 g	/
Aluminium body version		/	330 g	780 g	800 g

Design

Size 1 - Size 2 - Size 3



Size 4

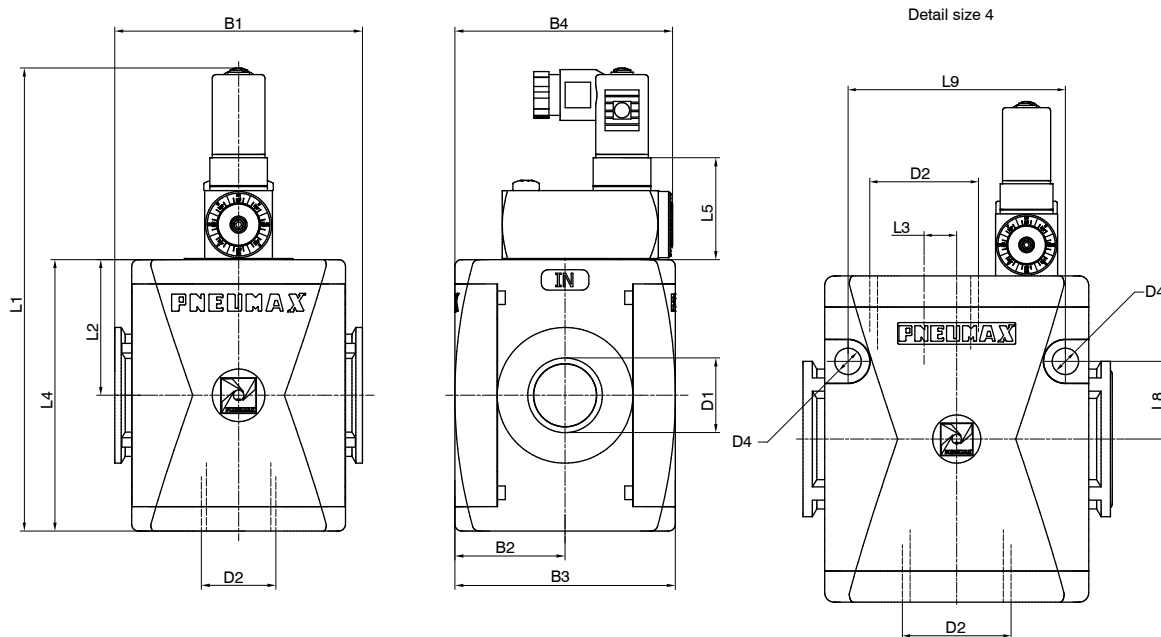


Order codes

	T	17	3B	PP	
Version					
N : Technopolymer body and metal inserts (not available for size 4)					
T : Technopolymer body and thread (not available for size 4)					
P : Aluminium body (not available only for size 1)					
Size and connections					
1A : Size 1 - G1/8" only for N version					
1B : Size 1 - G1/4" only for T - N versions					
1C : Size 1 - 1/4" NPT only for N version					
2A : Size 2 - G1/4" only for N version					
2B : Size 2 - G3/8" for all versions					
2C : Size 2 - 3/8" NPT only for N version					
3A : Size 3 - G3/8" only for N version					
3B : Size 3 - G1/2" for all versions					
3C : Size 3 - 1/2" NPT only for N version					
4B : Size 4 - G1" only for P version					
Flow direction (only for P versions)					
: Da sinistra verso destra					
W : Da destra verso sinistra					

Example : T173BPP : Size 3 pressure switch G1/2"

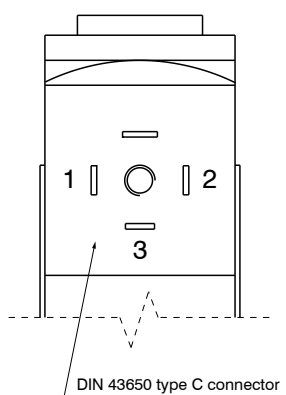
Dimensions



Model	B1	B2	B3	D1	D2	D4	L1	L2	L3	L4	L5	L8	L9
#171..	48	21	42	G1/8" G1/4" 1/4" NPT		/	114,7	27,5	/	55	32,7	/	/
#172..	62	28,5	57	G3/8" G1/4" 3/8" NPT		/	125	34	/	68	30	/	/
#173..	73	32,5	65	G3/8" G1/2" 1/2" NPT		/	137	40	/	80	30	/	/
#174..	99	44	88	G1"		8,5	162	52,5	10,5	105	30	25	70

Electrical connection

1 = neutral
2 = N.C. contact
3 = N.O. contact

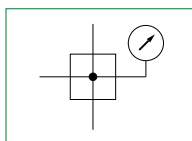
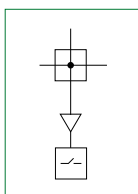




Air intake with pressure gauge or digital pressure switch integrated (PM-PW-PP-PZ)



- ▶ Available with pressure gauge or digital pressure switch integrated
- ▶ Air intake connection device available
- ▶ Material and version wide selection
- ▶ Available in 4 sizes with connections from 1/8" to 1"
- ▶ Atex certification (II 2GD or II 3GD)
for Integrated pressure gauge version



Technical characteristics					
Size		Size 1	Size 2	Size 3	Size 4
Body and connections type		Technopolymer body, integrated technopolymer connections Technopolymer body, metal connections			/
		/	Aluminium body, integrated aluminium connections		
IN / OUT connections	T version	G1/4"	G3/8"	G1/2"	not available
	N version	G1/8" - G1/4" - 1/4" NPT	G3/8" - G1/4" - 3/8" NPT	G3/8" - G1/2" - 1/2" NPT	
	P version	not available	G3/8"	G1/2"	G1"
Air intake connection		G1/4"	G3/8"	G3/8"	G1/2"
Assembly configuration		Stand alone			
		/			Panel mounted
Assembly positions		Indifferent			
Pressure measurement		Integrated pressure gauge Digital pressure switch			
Max. fittings torque IN / OUT connections		G1/8" metal: 15 Nm G1/4" metal: 20 Nm G1/4" technopolymer: 9 Nm	G1/4" metal: 20 Nm G3/8" metal: 25 Nm G3/8" technopolymer: 16 Nm	G3/8" metal: 25 Nm G1/2" metal: 30 Nm G1/2" technopolymer: 22 Nm	G1" metal: 35 Nm

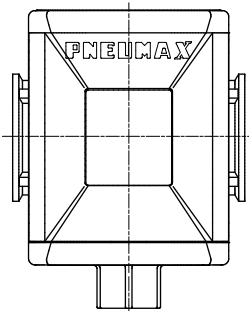
Operational characteristics				
Size	Size 1	Size 2	Size 3	Size 4
Maximum working pressure	13 bar			
Working temperature with integrated pressure gauge	-5 °C ... +50 °C			
	/	-30 °C ... +80 °C (only with metal body)		
Working temperature with digital pressure switch	0 °C ... +50 °C			

Weights					
	Size	Size 1	Size 2	Size 3	Size 4
Technopolymer body version with Integrated pressure gauge		83 g	161 g	249 g	/
Technopolymer body version with integrated digital pressure switch		111 g	189 g	277 g	/
Aluminium body version with Integrated pressure gauge		/	245 g	373 g	947 g
Aluminium body version with integrated digital pressure switch		/	273 g	401 g	963 g

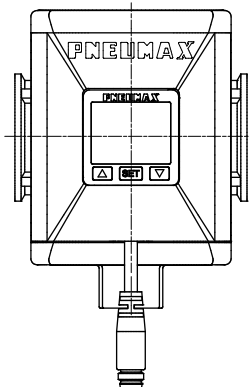
Design

AIR TREATMENT

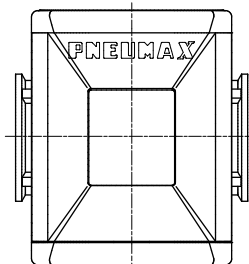
Size 1 - Size 2 - Size 3
Technopolymer body and
integrated pressure
gauge



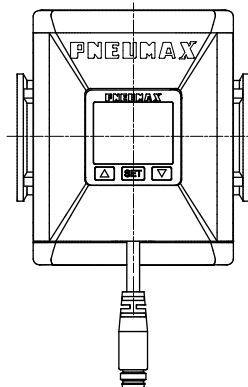
Size 1 - Size 2 - Size 3
Technopolymer body and
integrated digital
pressure switch



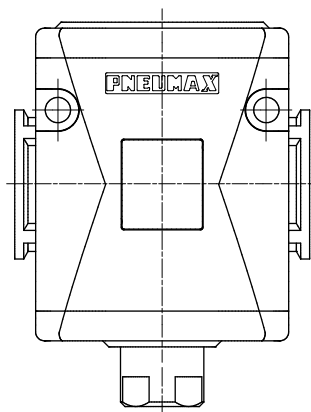
Size 2 - Size 3
Aluminium body and
integrated pressure
gauge



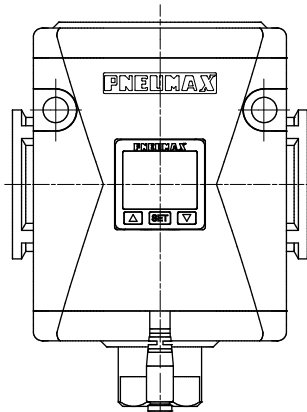
Size 2 - Size 3
Aluminium body and
integrated digital
pressure switch



Size 4
Integrated pressure
gauge version



Size 4
Integrated digital
pressure switch version



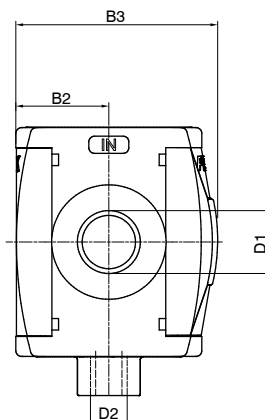
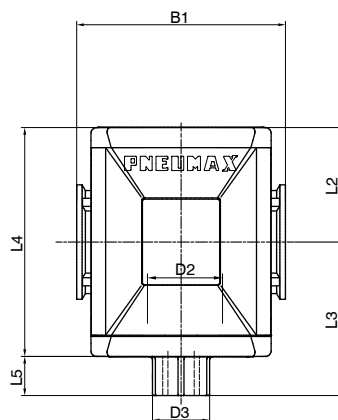
Order codes

Version	T	17	3B	P	P	A
N : Technopolymer body and metal inserts (not available for size 4)						
T : Technopolymer body and thread (not available for size 4)						
P : Aluminum body (not available for size 1)						
Size and connections						
1A : Size 1 - G1/8" only for N version						
1B : Size 1 - G1/4" only for T - N versions						
1C : Size 1 - 1/4" NPT only for N version						
2A : Size 2 - G1/4" only for N version						
2B : Size 2 - G3/8" for all versions						
2C : Size 2 - 3/8" NPT only for N version						
3A : Size 3 - G3/8" only for N version						
3B : Size 3 - G1/2" for all versions						
3C : Size 3 - 1/2" NPT only for N version						
4B : Size 4 - G1" only for P version						
Pressure measurement options						
M : Integrated pressure gauge						
W : Integrated pressure gauge Right - Left						
P : Digital pressure switch						
Z : Digital pressure switch Right - Left						
Digital pressure switch options						
A : Cable 150 mm + M8 PNP						
B : Cable 150 mm + M8 NPN						
C : Cable 2 m PNP						
D : Cable 2 m NPN						

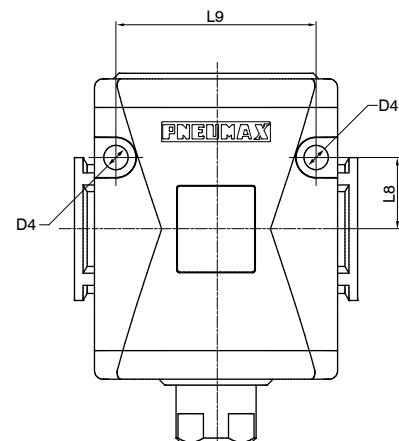
Example : T173BPPA : M8 PNP digital pressure switch, size 3 G1/2"

Dimensions - Integrated pressure gauge version

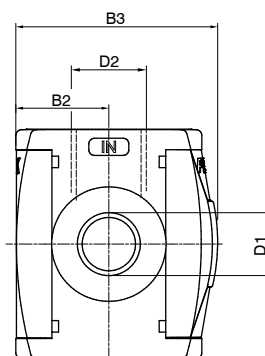
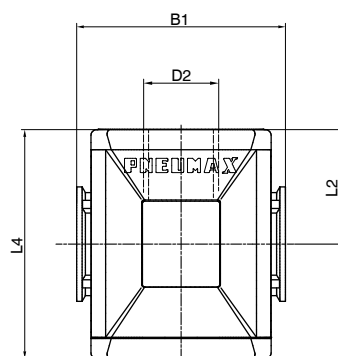
Technopolymer body version



Fixing holes dimension detail
(only for size 4)

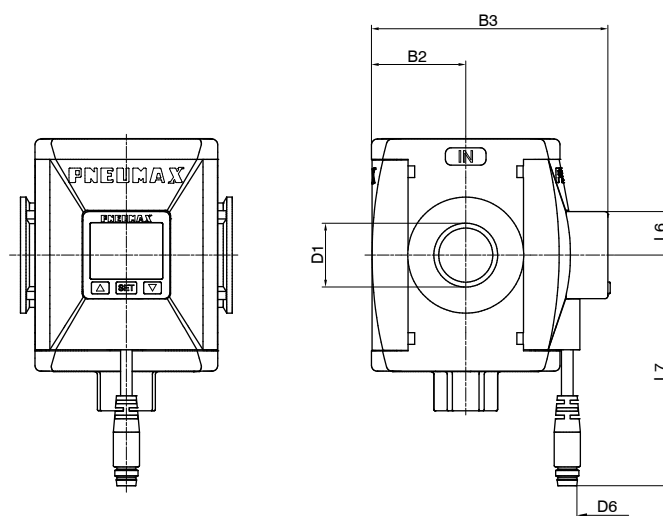


Aluminium body version (Size 2 - Size 3)



Model	B1	B2	B3	D1	D2	D3	D4	L2	L3	L4	L5	L8	L9
#171..	48	21	48,5	G1/8" G1/4" 1/4" NPT	G1/4"	Ch. 17	/	27,5	38,5	55	11	/	/
#172..	62	28,5	62,5	G1/4" G3/8" 3/8" NPT	G3/8"	Ch. 20	/	34	48	68	14	/	/
#173..	73	32,5	70,5	G3/8" G1/2" 1/2" NPT	G3/8"	Ch. 20	/	40	54	80	14	/	/
#174..	99	44	90,5	G1"	G1/2"	Ch. 25	8,5	52,5	74,5	105	22	25	70

Variable dimensions - Digital pressure switch version



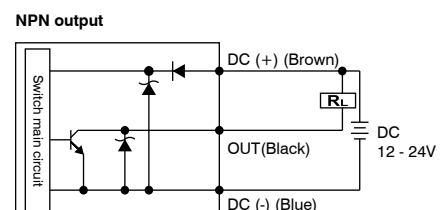
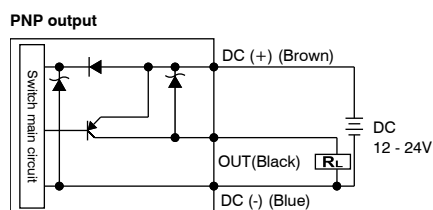
Model	B2	B3	D1	D6 - Type of digital pressure switch		L6	L7 - Type of digital pressure switch	
				A - B	C - D		A - B	C - D
#171..	21	60	G1/8" G1/4" 1/4" NPT	M8 - 3 PIN	3 x 0,129 mm, Ø 4 mm	15	150	2000
#172..	28,5	73,5	G1/4" G3/8" 3/8" NPT					
#173..	32,5	81,5	G3/8" G1/2" 1/2" NPT					
#174..	44	101,5	G1"					

Digital pressure switch

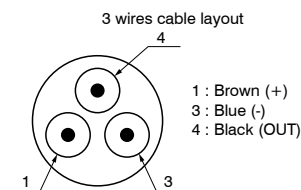
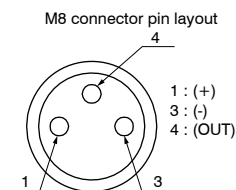


- ▶ 3 color digital LCD display, easy readout
- ▶ 4 units of measurement for pressure indication
- ▶ Optional PNP or NPN digital output
- ▶ N.O. and N.C. output contact selection directly on the digital pressure switch
- ▶ Available with M8-3PIN connector or 3 wire cable length 2 m
- ▶ Available only in combination with a air intake

Output circuit wiring diagrams



Digital pressure switch lay out



Cable ordering code

MCH1 : cable 3 wires l=2,5 m with M8 connector

MCH2 : cable 3 wires l=5 m with M8 connector

MCH3 : cable 3 wires l=10 m with M8 connector

Connector



Technical characteristics	
Pressure range and display	0 ... 10 bar
Max. inlet pressure	15 bar
Fluid	40 µm filtered and dehumidified air
Display unit of measurement	MPa - kgf/cm ² - bar - psi
Supply voltage	12 ... 24 VDC
Current consumption	≤40mA (without load)
Digital output type	PNP - NPN
Type of contact output	Normally Open - Normally Closed
Max. load current	125 mA
Digital output activation mode	single threshold with fixed hysteresis - window with fixed hysteresis - window without hysteresis
Digital output activation time	0.05s - 0.25s - 0.5s - 1s - 2s - 3s (selections for chattering-proof options)
Display characteristics	Double 3 1/2 digit display Digital output status indication Three-pushbuttons touchpad
Indicator accuracy	≤±2% full scale value ± 1 digit
IP Rating	IP40
Working temperature	0 °C ... 50 °C
Cable section	3 x 0,129 mm ² , Ø 4 mm, PVC