

Manifold pressure regulators



- ▶ Manifold pressure regulators
- ▶ Available in four pressure ranges up to 12 bar
- ▶ Inlet pressure common for the whole manifold of pressure regulator
- ▶ A maximum of 6 pressure regulators can be mounted
- ▶ Atex certification (II 3GD)
- ▶ Assembly with X or Y flanges

Technical characteristics		
Size		Size 1
Body and connections type		Technopolymer body, integrated technopolymer connections (T version) Technopolymer body, metal connections (N version)
IN connections	T version	G1/4"
	N version	G1/8" - G1/4" - 1/4" NPT
OUT connections		G1/8"
Assembly configuration		Stand alone Panel mounting With fixing bracket
Assembly positions		Indifferent
Pressure range		0-2 bar 0-4 bar 0-8 bar 0-12 bar
Regulation		Manul push and lock with pressure Manual lockable with accessories
Pressure measurement		G1/8" pressure gauge connection port Integrated pressure gauge (optional)
Max. fittings torque IN / OUT connections		G1/8" metal: 15 Nm G1/4" metal: 20 Nm G1/4" technopolymer: 9 Nm
Max. fitting torque pressure gauge connection port		G1/8" technopolymer: 4 Nm G1/8" metal: 15 Nm

Operational characteristics	
Size	Size 1
Maximum working pressure	13 bar
Minimum working pressure	0,5 bar
Working temperature	-5 °C ... +50 °C



Order codes

AIR TREATMENT

G T 17 1B M 6 C C C C C C

Version

N : Technopolymer body and metal inserts
T : Technopolymer body and thread

Size and connections

1A : Size 1 - G1/8"
1B : Size 1 - G1/4"
1C : Size 1 - 1/4" NPT only for N version

Pressure measurement options

B : G1/8" thread with flanges X
M : Integrated pressure gauge with flanges X
P : G1/8" thread with extended flanges Y
R : Integrated pressure gauge with extended flanges Y
W : G1/8" thread with flanges Y
Z : Integrated pressure gauge with flanges Y

Number of regulators

2 : n. 2 regulators
3 : n. 3 regulators
4 : n. 4 regulators
5 : n. 5 regulators
6 : n. 6 regulators

Pressure range

A : 0 - 2 bar
B : 0 - 4 bar
C : 0 - 8 bar
D : 0 - 12 bar

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Pressure range

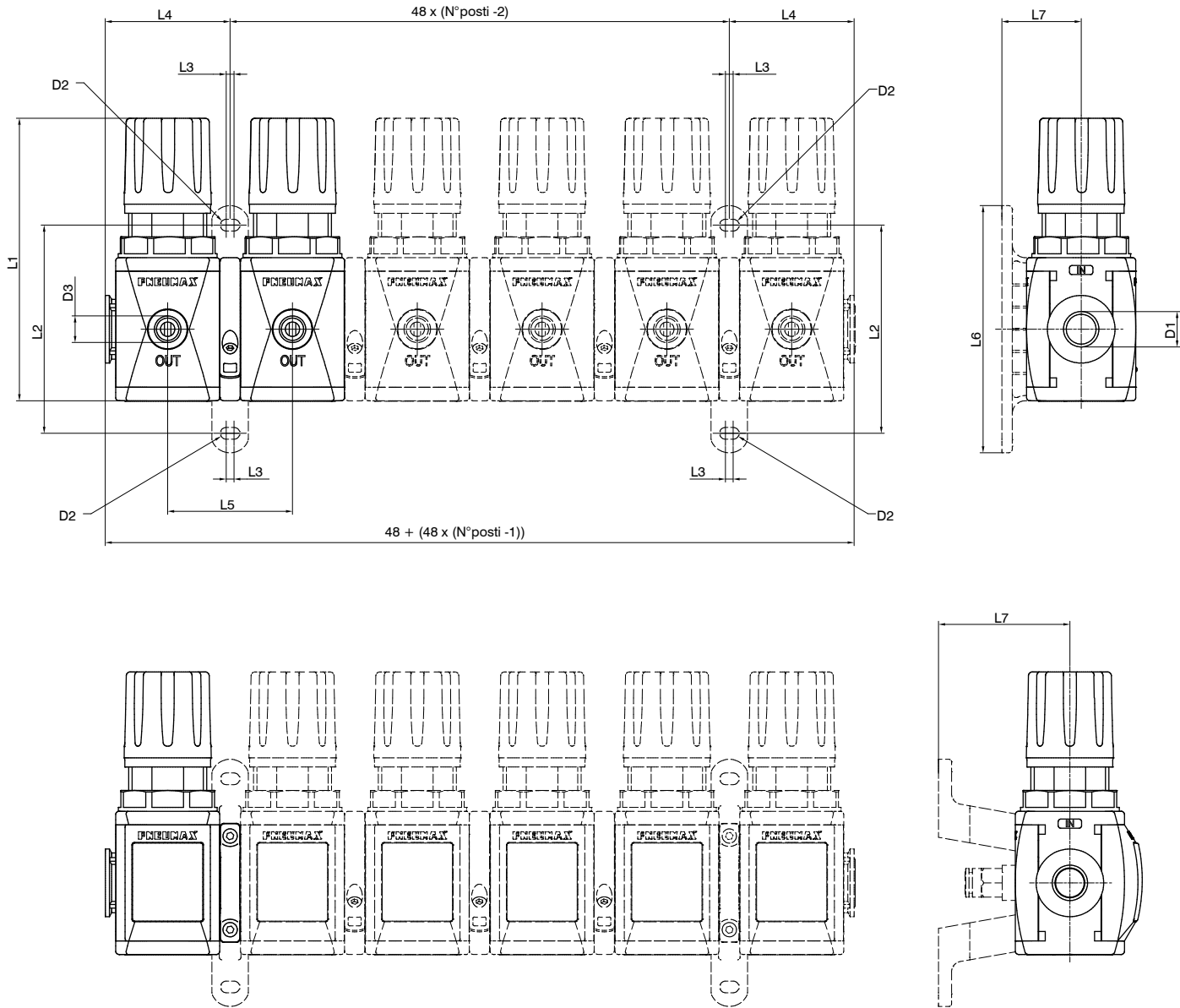
A : 0 - 2 bar
B : 0 - 4 bar
C : 0 - 8 bar
D : 0 - 12 bar

Pressure range

A : 0 - 2 bar
B : 0 - 4 bar
C : 0 - 8 bar
D : 0 - 12 bar

Example : T171BM6CCCCC : Size 1 manifold pressure regulators G1/4", 0 - 8 bar, integrated pressure gauge

Dimensions

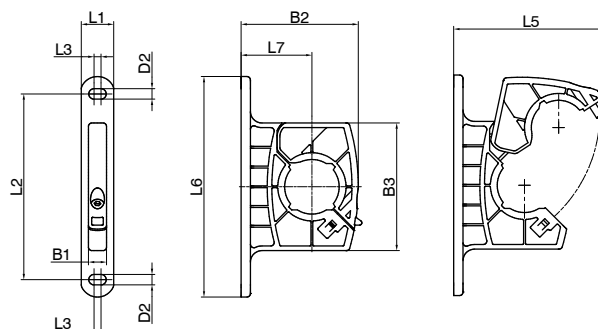


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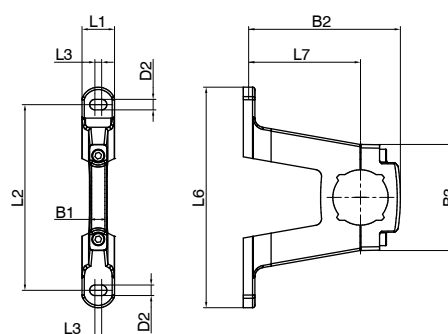
Model	D1	D2	D3	L1	L2	L3	L4	L5	L6	L7
#171..with flanges X	G1/4" G1/8" 1/4" NPT	/	G1/8"	109	/	/	48	48	/	/
#171..with flanges Y		Ø 4,5			80	3			105	30,5
#171..with extended flanges Y										50,5

Manifold mounting flanges

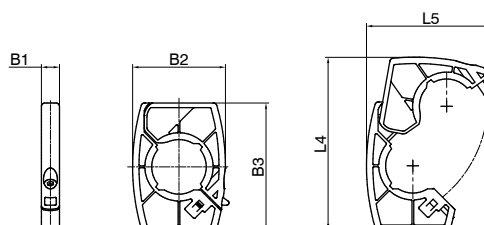
Flange Y



Extended flange Y



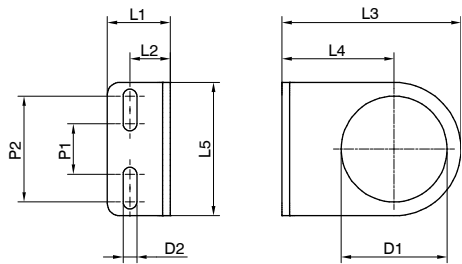
Flange X



Model	B1	B2	B3	D2	L1	L2	L3	L4	L5	L6	L7
T171Y	7,8	50,5	55	Ø 4,5	14	80	3	/	66	95	30,5
N171YP		67,7	45,7	Ø 4,5	14	80	3	/	66		50,5
T171X		40	55	/	/	/	/	74,5	55,5	/	/



► Fixing bracket

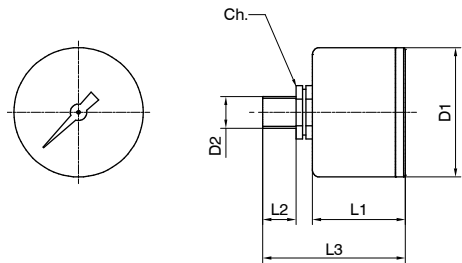


Model	L1	L2	L3	L4	L5	D1	D2	P1	P2
17150	20	13	50	30	40	30	5,5	20	30

► Pressure gauge

17070 A C

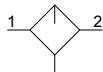
Version
A : Dial Ø 40
B : Dial Ø 50
Scale
A : 0 - 4 bar
B : 0 - 6 bar
C : 0 - 12 bar



Model	L1	L2	L3	D1	D2	Ch
17070A..	26	10	44	41	Gc - 1/8"	14
17070B..	27	10	45	49	Gc - 1/8"	14

Lubricators (L)


- ▶ Oil mist lubricator
- ▶ Available in 4 sizes with flow rates up to 16000 NI/min and connections from 1/8" to 1"
- ▶ Bowl assembly via bayonet type quick coupling mechanism with safety button
- ▶ Variable orifice size in function of the flow rate
- ▶ Oil quantity regulation mechanism and oil quantity visualization dome made of polycarbonate (PC)
- ▶ Oil refill plug
- ▶ Lubricator oil recharge with pressurized system
- ▶ Available with low level electrical sensor NO and NC
- ▶ 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)		
Protection and bowl type		Technopolymer protection - PC bowl Technopolymer protection - PA bowl			/
		Metal protection - PC bowl Metal protection - PA bowl			
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"
Assembly configuration		Stand alone			Panel mounted
		/			
Assembly positions		Vertical ±5°			
Bowl capacity		36 cm³	70 cm³	136 cm³	360 cm³
Lubrication type		Oil mist lubrication			
Oil level regulation		Manual, complete with visual indicator			
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			
Minimum working pressure	0,5 bar			
Min. operational flow at 6,3 bar	40 NI/min	70 NI/min	100 NI/min	100 NI/min
Indicative oil drop rate	1 drope every 300/600 NI/min			
Oil type	FD22 - HG32			
Working temperature	-5 °C ... +50 °C			