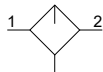


Lubricators (L)


- ▶ 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

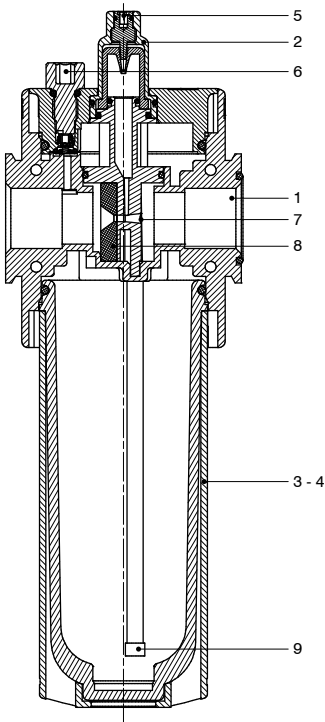
Operational characteristics				
Size	Size 1	Size 2	Size 3	Size 4
Maximum working pressure	13 bar			
Minimum working pressure	0,5 bar			
Min. operational flow at 6,3 bar	40 NI/min	70 NI/min	100 NI/min	100 NI/min
Indicative oil drop rate	1 drope every 300/600 NI/min			
Oil type	FD22 - HG32			
Working temperature	-5 °C ... +50 °C			

Weights

Size	Size 1	Size 2	Size 3	Size 4
Fully technopolymer version	121 g	215 g	347 g	/
Technopolymer body version, aluminium bowl protection and technopolymer bowl	/	245 g	383 g	/
Aluminium body version, technopolymer protection and bowl	/	315 g	477 g	1032 g
Aluminium body version, aluminium bowl protection and technopolymer bowl	/	345 g	513 g	1077 g

Materials

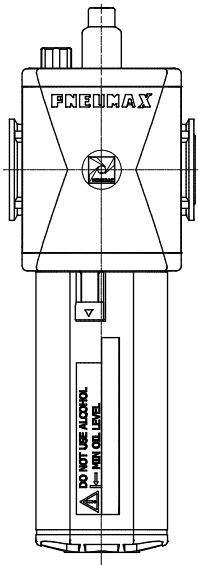
Exploded sectioned



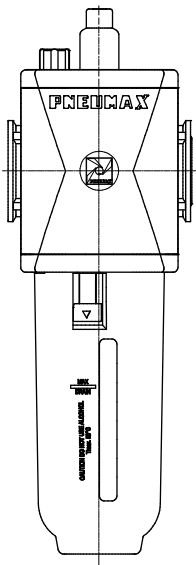
Lubricator		
1	Body	Polyamide Die-cast aluminium
2	Visual indicator	Polyamide
3	Technopolymer bowl	Polycarbonate Polyamide
4	Bowl protection	Polyamide - Die-cast aluminium
5	Oil regulation needle	Brass
6	Recharge plug	Acetal resin
7	Diaphragm support	Acetal resin
8	Diaphragm	NBR
9	Filter	Sintered brass

Design

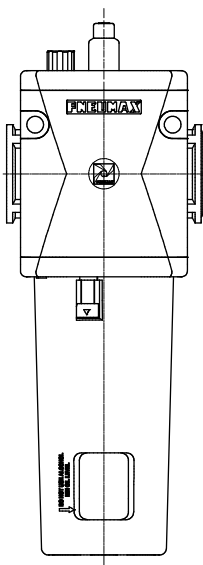
Size 1 - Size 2 - Size 3
Technopolymer protection



Size 1 - Size 2 - Size 3
Metal protection



Size 4
All versions





Order codes

AIR TREATMENT

T 17 3B L A N

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

Options

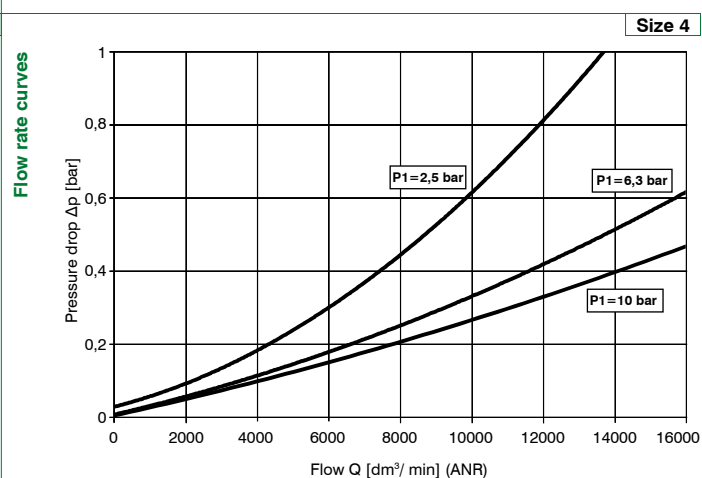
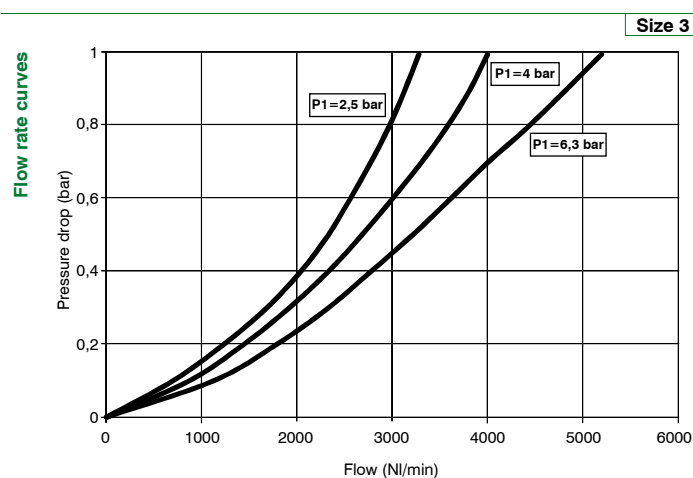
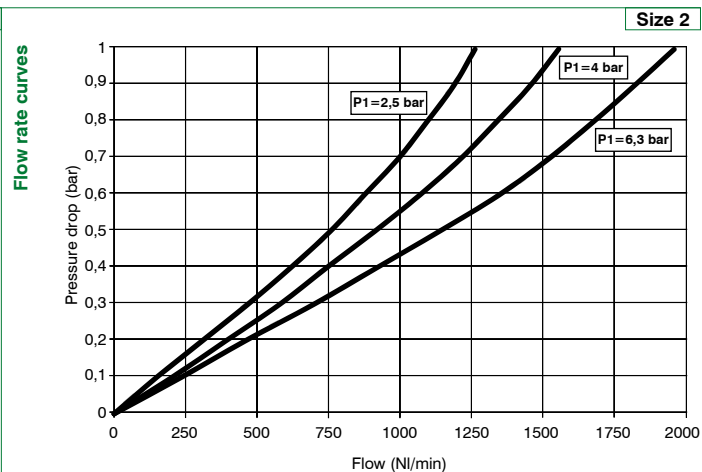
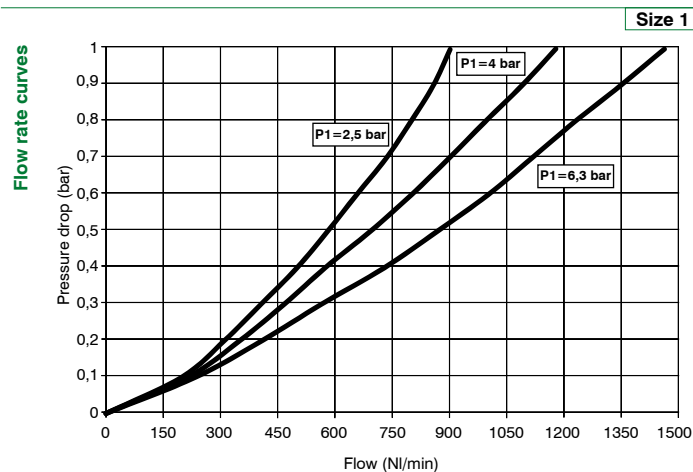
: No electric level sensor device
A : Electrical minimum level sensor NO (not available for size 1)
C : Electrical minimum level sensor NC (not available for size 1)

Bowl options

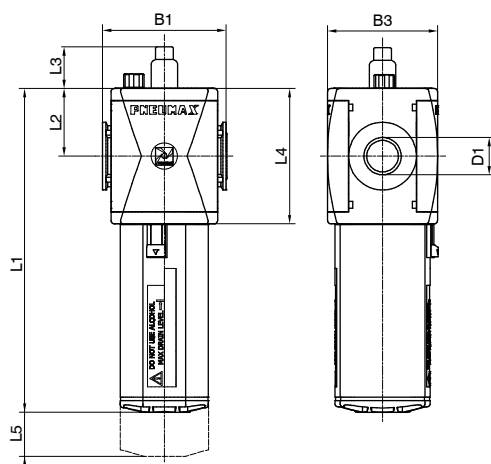
: Technopolymer protection - PC bowl
N : Technopolymer protection - PA bowl
P : Metal protection - PC bowl (not available for size 1)
R : Metal protection - PA bowl (not available for size 1)

Example : T173BLAN : TG3 Lubricator G1/2", normally open low level electrical sensor, PA bowl with technopolymer protection

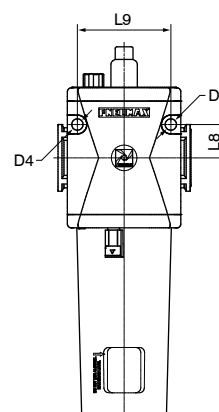
Characteristic curves



Dimensions

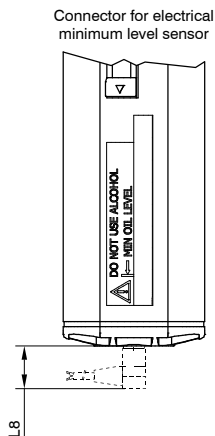


Fixing holes dimension detail
(only for size 4)



Model	B1	B3	D1	D4	L1	L2	L3	L4	L5	L8	L9
#171..	48	42	G1/8" G1/4" 1/4" NPT	/	131	27,5	24	55	80	/	/
#172..	62	57	G1/4" G3/8" 3/8" NPT	/	152,7	34	24	68	90	/	/
#173..	73	65	G3/8" G1/2" 1/2" NPT	/	191,4	40	24	80	120	/	/
#174..	99	88	G1"	8,5	247	52,5	24	105	145	25	70

Variable dimensions



Model	L8	Connectors for electrical connection
Electrical minimum level sensor NO (Normally open)	16	C1 - C2 - C3 (see sensors section of general catalog)
Electrical minimum level sensor NC (Normally closed)		

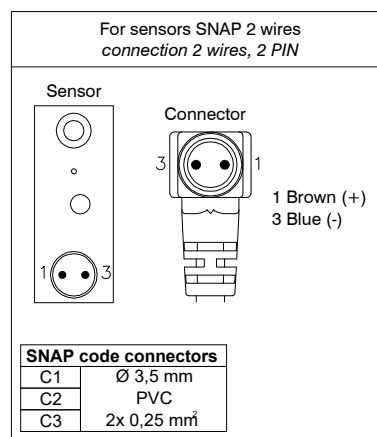
Accessories

Electrical connection details

C1 : connector with 2,5 m cable 2 wires (PVC Ø 3,5 mm 2x0,25 mm²)

C2 : connector with 5 m cable 2 wires (PVC Ø 3,5 mm 2x0,25 mm²)

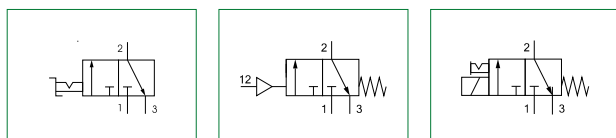
C3 : connector with 10 m cable 2 wires (PVC Ø 3,5 mm 2x0,25 mm²)



Shut off valves (VL - VP - VE)



- ▶ 3/2 N.C. shut off valve
- ▶ Suitable for system downstream pneumatic feeding or exhaust
- ▶ Manual, pneumatic and electropneumatic operation available
- ▶ Up to 3off manual operation lockable device available (closed position)
- ▶ 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)		
Operated type		Manual Pneumatic Electropneumatic			
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 and L version	not available	G3/8"	G1/2"	G1"
Pilot connection		G1/8"			
Exhaust connection		G1/4"	G3/8"		G1/2"
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	G1/2" metal: 30 Nm G1" metal: 35 Nm

Operational characteristics								
Size	Size 1	Size 2	Size 3	Size 4	Size 1	Size 2	Size 3	Size 4
Operator	Manual				Pneumatic / Solenoid			
Maximum working pressure	13 bar				10 bar			
Minimum working pressure	0,5 bar				2,5 bar			
Working temperature	-5 °C ... +50 °C				-5 °C ... +50 °C			
	/	30°C ... +80°C (only for P version) -40 °C ... +80 °C (only for L version)			/	-30 °C ... +80 °C (only with metal body and pneumatic version) -40 °C ... +80 °C (only with metal body and pneumatic version)		
Nominal flow rate at 6 bar with $\Delta p=1$ (from 1 to 2)	1400 NI/min	2200 NI/min	3600 NI/min	15000 NI/min	1400 NI/min	2200 NI/min	3600 NI/min	15000 NI/min
Exhaust nominal flow rate at 6 bar with $\Delta p=1$ (from 2 to 3)	550 NI/min	1500 NI/min		3600 NI/min	550 NI/min	1500 NI/min		3600 NI/min
Un-conveyed exhaust nominal flow rate (from 2 to 3)	1000 NI/min	2500 NI/min		5000 NI/min	1000 NI/min	2500 NI/min		5000 NI/min