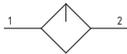


**Lubricators (L)**


- ▶ 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)

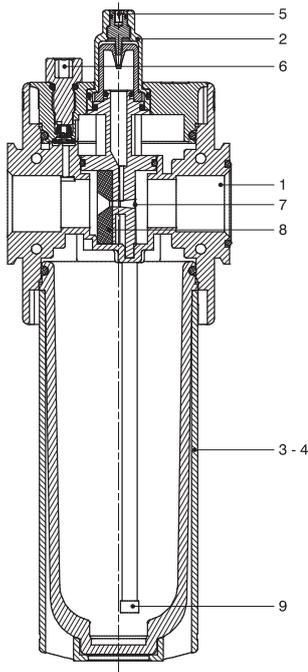

**2**
**AIR TREATMENT**

Size		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)			
Protection and bowl type		Aluminium body, integrated aluminium connections (P - L versions)			
		Technopolymer protection - PA bowl			
		Technopolymer protection - PC bowl			
		Metal protection - PA bowl			
IN / OUT connections		Metal protection - PC bowl			not available
		Metal bowl (Blind metal bowl or with display)			
		Metal bowl (Blind metal bowl or with display)			
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 versions		not available	G3/8"	G1/2"	
Assembly configuration		Stand alone			Panel mounted
Assembly positions		Vertical ±5°			
Bowl capacity		36 cm <sup>3</sup>	70 cm <sup>3</sup>	136 cm <sup>3</sup>	360 cm <sup>3</sup>
Lubrication type		Oil mist lubrication			
Oil level regulation		Manual, complete with visual indicator			
Max. fittings torque IN / OUT connections		/			35Nm
		/			
		20Nm			/
		15Nm			
		/			25Nm
		/			
		9Nm			22Nm
		/			
16Nm			/		
/					

Size		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	
Indicative oil drop rate		1 drope every 300/600 NI/min			
Oil type		FD22 - HG32			
Working temperature		-5°C...+50°C			
		-30°C...+80°C (body and metal bowl versions P)			
		-40°C...+80°C (body and L metal bowl versions)			

Size		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
Metal body and bowl		/	380 g	580 g	1137 g

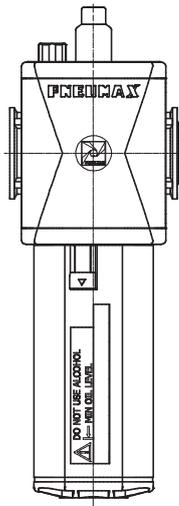
**Materials**  
**Exploded sectioned**



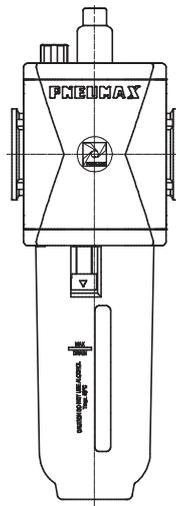
Lubricator		
1	Body	Polyamide Die-cast aluminium
2	Visual indicator	Polyamide
3	Bowl	Polycarbonate Polyamide Die-cast aluminium
4	Bowl protection	Polyamide Die-cast aluminium
5	Oil regulation needle	Brass
6	Recharge plug	Acetal resin
7	Diaphragm support	Acetal resin
8	Diaphragm	NBR
9	Filter	Sintered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

**Design**

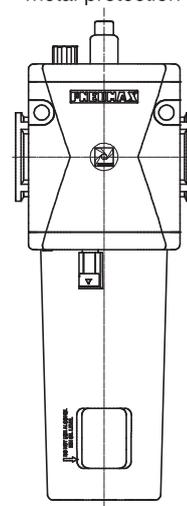
**Size 1 - Size 2 - Size 3**  
Technopolymer protection



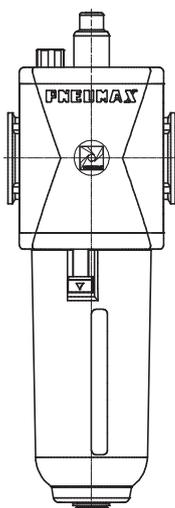
**Size 1 - Size 2 - Size 3**  
Metal protection



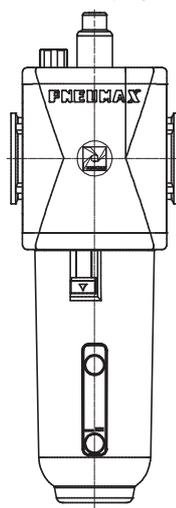
**Size 4**  
Technopolymer protection and  
metal protection



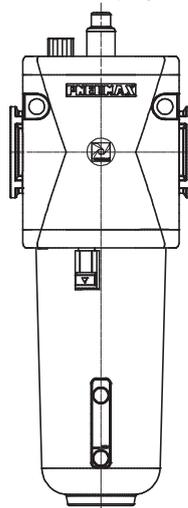
**Size 2 - Size 3**  
Body and metal bowl



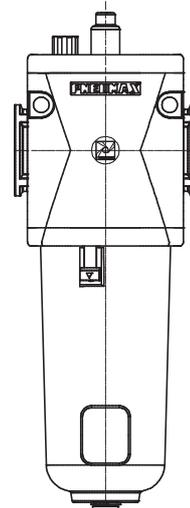
**Size 2 - Size 3**  
Body and metal bowl  
with display



**Size 4**  
Body and metal bowl  
with display



**Size 4**  
Body and metal bowl





Coding: **V**17**T**LO**1**O<sup>2</sup>

<b>V</b>	VERSION
	<b>N</b> = Technopolymer body and metal inserts (not available for size 4)
	<b>T</b> = Technopolymer body and thread (not available for size 4)
	<b>P</b> = Aluminum body (not available for size 1)
<b>T</b>	<b>L</b> = Aluminum body, low temperature (not available for size 1)
	SIZE AND CONNECTIONS
	<b>1A</b> = Size 1 - G1/8" only for N version
	<b>1B</b> = Size 1 - G1/4" only for T - N versions
	<b>1C</b> = Size 1 - 1/4" NPT only for N version
	<b>2A</b> = Size 2 - G1/4" only for N version
	<b>2B</b> = Size 2 - G3/8" for all versions
	<b>2C</b> = Size 2 - 3/8" NPT only for N version
	<b>3A</b> = Size 3 - G3/8" only for N version
	<b>3B</b> = Size 3 - G1/2" for all versions
	<b>3C</b> = Size 3 - 1/2" NPT only for N version
	<b>4B</b> = Size 4 - G1" only for P-L version

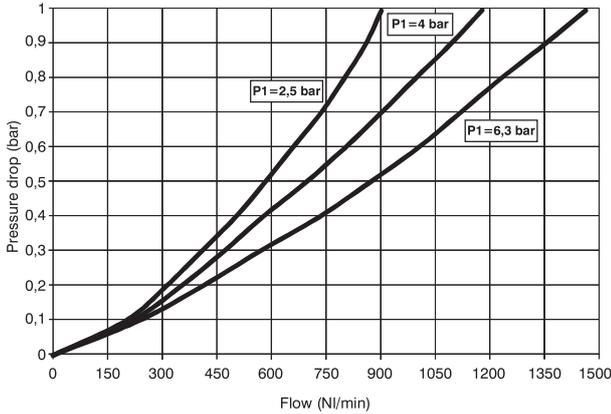
<b>O</b> <sup>1</sup>	OPTIONS
	= No electric level sensor device
	<b>A</b> = Electrical minimum level sensor NO (not available for size 1) <b>C</b> = Electrical minimum level sensor NC (not available for size 1)
<b>O</b> <sup>2</sup>	BOWL OPTIONS
	= Technopolymer protection - PC bowl
	<b>N</b> = Technopolymer protection - PA bowl
	<b>P</b> = Metal protection - PC bowl (not available for size 1)
	<b>R</b> = Metal protection - PA bowl (not available for size 1)
	<b>T</b> = Metal bowl without oil level indicator (not available for Size 1)
	<b>VT</b> = Metal bowl with oil level display (not available for Size 1)

**Example: T173BLAN:** Size 3 lubricator G1/2", normally open low level electrical sensor, PA bowl with technopolymer protection

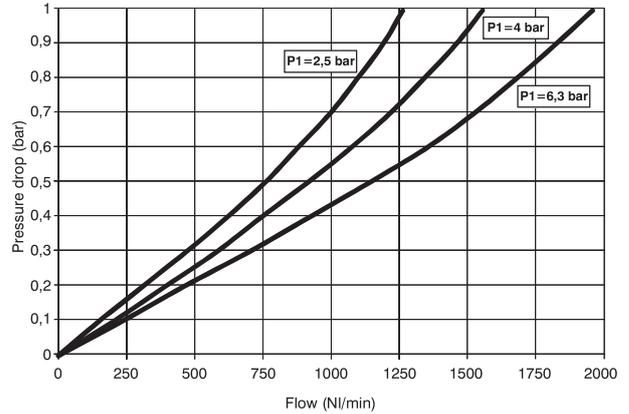
## 2 Characteristic curves

AIR TREATMENT

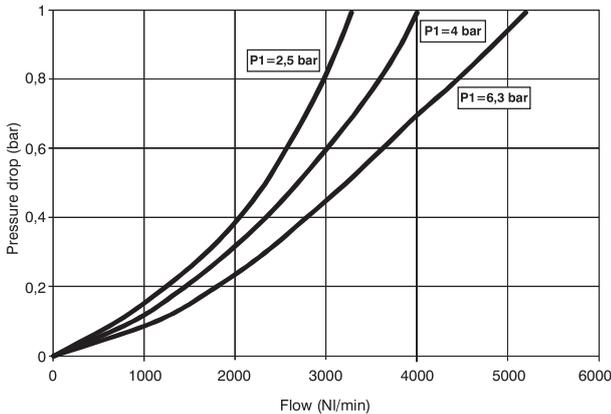
Flow rate curves, Size 1



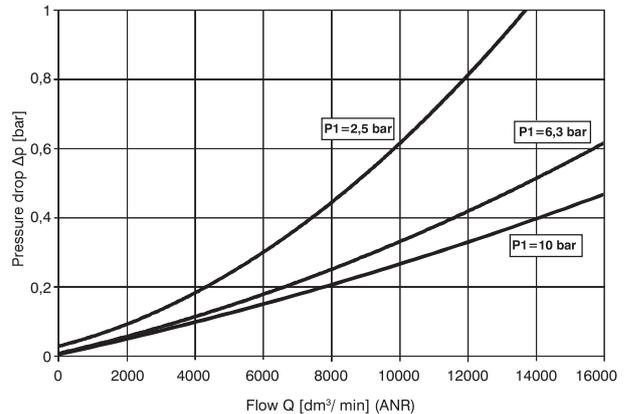
Flow rate curves, Size 2



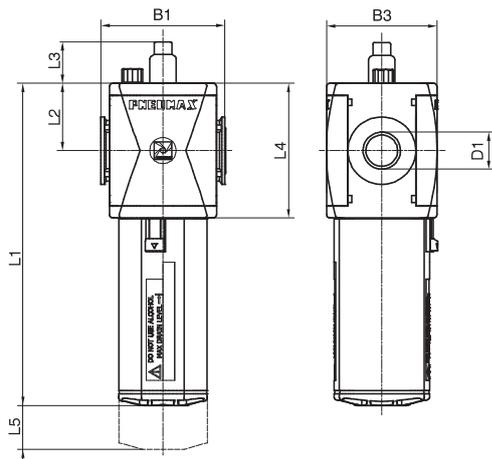
Flow rate curves, Size 3



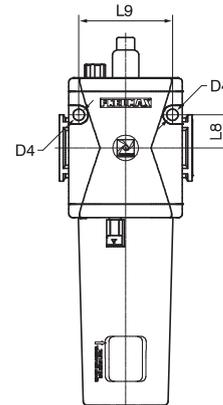
Flow rate curves, Size 4



Dimensions



Fixing holes dimension detail  
(only for size 4)

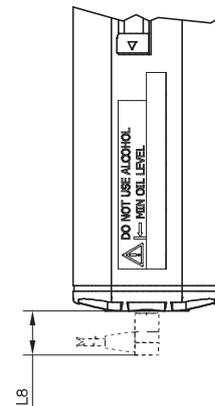


Model	B1	B3	D1	D4	L1	L2	L3	L4	L5	L8	L9
#171..	48	42	G1/8" G1/4" 1/4" NPT	/	131	27,5	24	55	70	/	/
#172..	62	57	G1/4" G3/8" 3/8" NPT	/	152,7	34	24	68	90	/	/
#173..	73	65	G3/8" G1/2" 1/2" NPT	/	191,4	40	24	80	120	/	/
#174..	99	88	G1"	8,5	247	52,5	24	105	145	25	70

Variable dimensions

Connector for electrical minimum level sensor

Model	L8	Electrical connection details
Electrical minimum level sensor NO	16	C1 - C2 - C3 (see sensors section of general catalog)
Electrical minimum level sensor NC		



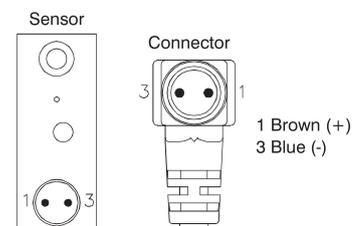
Accessories

Connectors for minimum electrical level

**C1:** connector with 2,5 m cable 2 wires (PVC Ø3,5 mm 2x0,25mm<sup>2</sup>)

**C2:** connector with 5 m cable 2 wires (PVC Ø3,5 mm 2x0,25mm<sup>2</sup>)

**C3:** connector with 10 m cable 2 wires (PVC Ø3,5 mm 2x0,25mm<sup>2</sup>)



SNAP code connectors	
C1	Ø 3,5 mm
C2	PVC
C3	2x 0,25 mm <sup>2</sup>