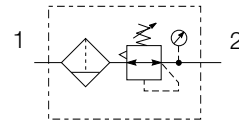


P3L Lite Filter / Regulator



Symbols



- Integral 1/4 ports (BSPP & NPT)
- High efficiency 5 micron element as standard
- Excellent water removal efficiency
- Robust but lightweight construction
- Secondary pressure ranges 2, 4 & 8 bar
- Unbalanced poppet valve standard, with solid piston control

Options:

P 3 L	EA	2	P		N	P	
Thread type		Drain type		Mounting			
BSPP	1	Manual push	P	Plastic panel mount nut *			
NPT	9	Semi-auto	S	* for individual mounting bracket see page:19			
Port size		Relief		Adjustment range			
1/4	2	Relieving	B	With round gauge		Without gauge	
Element		Non relieving	N	2 bar	Z	2 bar	Y
5µ Element	E			4 bar	M	4 bar	L
40µ Element	G			8 bar	G	8 bar	N
Bowl type							
Poly bowl	P						

Port size	Description	Order Code	Flow dm ³ /s (scfm)	Max bar (psi)	Height mm (Inches)	Width mm (Inches)	Depth mm (Inches)
1/4"	8 bar Relieving - Poly bowl - Manual drain	P3LEA12EPPBNNP	12.9 (27.3)	10 (150)	175 (6.89)	40 (1.57)	40 (1.57)
1/4"	8 bar Relieving - Poly bowl - Semi-auto drain	P3LEA12EPSBNNP	12.9 (27.3)	10 (150)	175 (6.89)	40 (1.57)	40 (1.57)
1/4"	8 bar Relieving - Poly bowl - Manual drain + Gauge	P3LEA12EPPBNGP	12.9 (27.3)	10 (150)	175 (6.89)	40 (1.57)	72 (2.83)
1/4"	8 bar Relieving - Poly bowl - Semi-auto drain + Gauge	P3LEA12EPSBNGP	12.9 (27.3)	10 (150)	175 (6.89)	40 (1.57)	72 (2.83)

* flow with 10 bar (145 psi) inlet pressure, 6.3 bar (91.3 psi) set pressure and 1 bar (14.5 psi) pressure drop.



www.arapneumatik.pl

ARA Pneumatik Wrocław
 53-012 Wrocław ul. Wyścigowa 38
 tel. 71 364 72 80; 82 fax 71 364 72 83
pneumatyka@arapneumatik.pl

ARA Pneumatik Oddział Katowice
 40-584 Katowice ul. Dworska 13
 tel. 32 779 76 40; 41 fax 32 778 20 93
katowice@arapneumatik.pl



PDE2661TCUK
P3L Lite Series Air Preparation System

Specifications

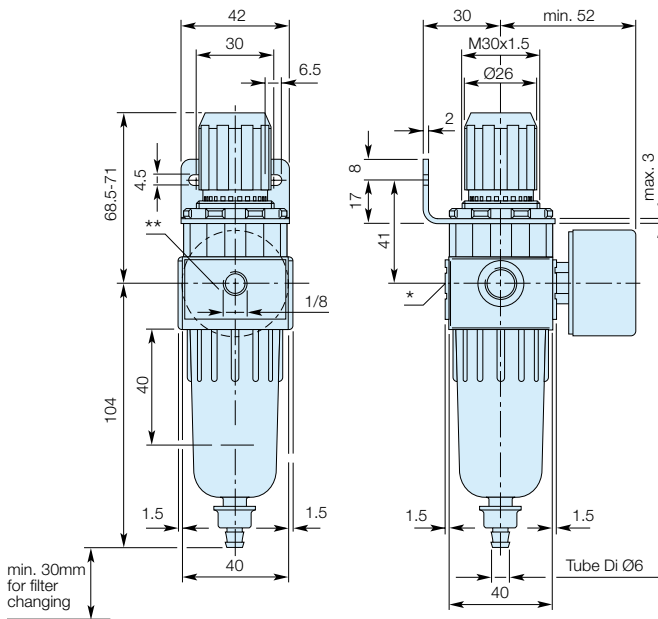
Flow Capacity*	1/4	12.9 dm ³ /s (27.3 scfm)
Operating Temperature	0°C (32°F) to 50°C (122°F)	
Max Supply Pressure	10 bar (150 psi)	
Standard Filtration	5 Micron	
Useful Retention	12 cm ³ (0.4 US oz.)	
Adjusting Range Pressure	0-2 bar (30 psi) 0-4 bar (60 psi) 0-8 bar (125 psi)	
Port Size	BSPP / NPT	1/4
Gauge Port (2 ea.)	BSPP / NPSI	1/8
Weight	0.12 kg (26 lbs)	

* Inlet pressure 10 bar (145 psi), 6.3 bar (91.3 psi) set pressure and 1 bar (14.5 psi) pressure drop.

Materials of Construction

Body	High Tech Polymer
Adjustment Knob	Polyamide
Bonnet	Polyamide
Bowl	Polycarbonate
Filter element	Polyethylene
Seals	Nitrile
Springs	Steel
Piston	Brass / Nitrile
Panel Nut	Polyamide

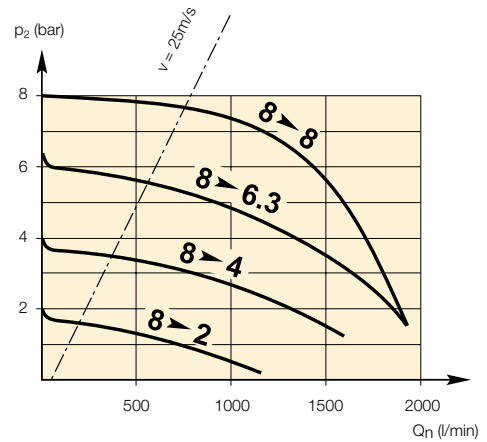
Dimensions



* On delivery the screw plug is not assembled
 ** Two opposite gauge ports 1/8

Flow Charts

Filter / Regulator



Repair and Service Kits

Plastic bowl / semi-auto drain	P3LKA00BPS
5µ particle filter element	P3LKA00ESE
40µ particle filter element	P3LKA00ESG
Panel mount nut - Aluminium	P3LKA00MM
Panel mount nut - Plastic	P3LKA00MP
Angle Bracket (uses panel mount threads)	P3LKA00MR

Gauges

40mm (1 1/2") Round 1/8" centre back mount

0-30 PSI / 0-2 bar	KZ8810-00
0-58 PSI / 0-4 bar	KZ8811-00
0-160 PSI / 0-10 bar	KZ8813-00