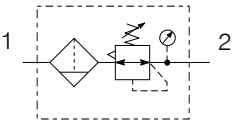
Filters / Regulators



Symbols



Self relieving regulator with gauge

- Integral 1/2 or 3/4 ports
- High efficiency 5 micron element as standard
- Excellent water removal efficiency
- Secondary pressure ranges 8 and 16 bar
- Rolling diaphragm for extended life
- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation.
- Low temperature -40˚C with combined manual/semi - auto drain as standard

Options:

P 3 X E A [1] [ ] [ ] [G] [ ] [B] [ ] [ ] [N]

BSPP (G)	1
NPT *	

1/2	4
3/4	6

* 1/2" NPT see Accessories

5 Micron Element Standard	E
40 Micron Element Option	G

Combined Manual/Semi Auto Drain	C
Auto Drain	A

Relieving	B

Non rise - Standard	N
Tamperproof - Lockable*	A

* Tamperproof regulator will require lock kit (see Accessories) to lock regulator.

0 - 4 bar Gauge	M
0 - 8 bar Gauge	G
0 - 16 bar Gauge	J

Port size	Description	Order Code	Flow dm^3/s *	Max bar	Min temp °C	Max temp °C	Bowl capacity cm^3	Height mm	Width mm	Depth mm	Weight g
1/2	8 bar, relieving, gauge Combined manual/semi auto drain	**P3XEA14EGCBNGN**	111	16	-10	60	60	280	62	62	550
1/2	8 bar relieving, gauge, auto drain	**P3XEA14EGABNGN**	111	16	-10	60	60	280	62	62	550
3/4	8 bar, relieving, gauge Combined manual/semi auto drain	**P3XEA16EGCBNGN**	113	16	-10	60	60	280	62	62	550
3/4	8 bar relieving, gauge, auto drain	**P3XEA16EGABNGN**	113	16	-10	60	60	280	62	62	550

* flow with 10 bar inlet pressure, 6,3 bar set pressure and 1 bar pressure drop.

Technical Information

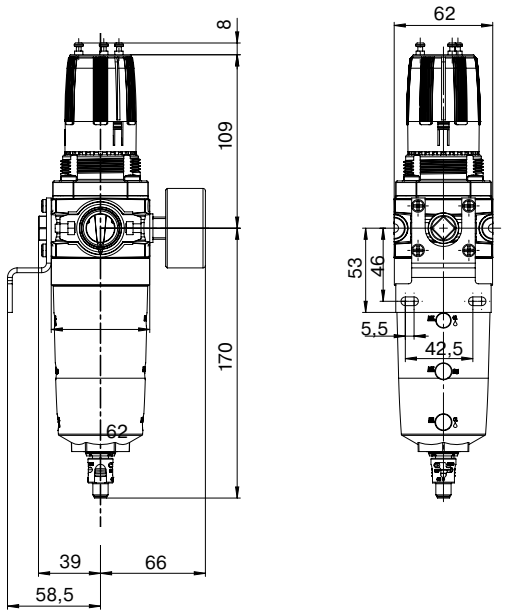
Fluid:	Compressed air
Maximum inlet pressure:	16 bar
Temperature range*: Auto drain: Combined drain:	 -10° to +60°C -40° to +60°C
Particle removal:	5 micron and 40 micron
Typical flow with 10 bar inlet pressure 6,3 bar set pressure and 1 bar pressure drop 106 dm^3/s	
Manual / Semi-auto drain: pressure to close drain	0.8 bar
Auto drain: bowl pressure to close drain Operating range manual override facility	 0.8 bar 0.8 to 16 bar
Bowl sump capacity:	60 cm^3
Gauge ports (x 2):	1/4"

* Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Material Specification

Body:		High tech polymer
Sight glass:		Polypropylene
Body cover:		ABS
Element:		Sintered P.E.
Seals:		Nitrile NBR
Drains:	Manual / Semi-auto:	Acetal
	Automatic:	PA / Brass
Bonnet:		High tech polymer
Control knob:		Polyamide
Valve:		Brass / Nitrile
Screws:		Stainless steel

Dimensions (mm)

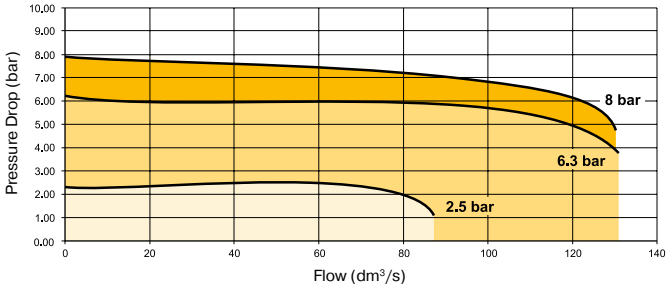


Service kits

Description			Order code
5 micron element kit			**P3XKA00ESE**
40 micron element kit			**P3XKA00ESG**
Bowl kit with combined manual/semi auto drain			**P3XKA00BSC**
Bowl kit with auto drain			**P3XKA00BSA**
Tamper-proof knob kit (keylock)			**P3XKA00AS**
Diaphragm kit (relieving type)			**P3XKA00RR**
Diaphragm kit (non-relieving type)			**P3XKA00RN**
Wall bracket kit - Stainless steel			**P3XKA00MW**
Panel mount nut			**P3XKA00MM**
Pressure Gauge	0 to 10 bar	G1/4"	**KG8012-00**
	0 to 16 bar	G1/4"	**KG8013-00**
Key Lock			**P3XKA00AS**

Flow characteristics

(1/2) 5 Micron Filter/Regulator



(3/4) 5 Micron Filter/Regulator

