

PALM TREE

ENGINEERING PRODUCTS

PRIVATE LIMITED

PRODUCT CATALOGUE



"PROCESS MEASUREMENT & CONTROL SPECIALISTS"



PTE-22 SERIES AIR FILTER REGULATOR

PTE-22 series air filter regulator able to accurately control pressure, as well as filter solid particles above 5 microns, and liquids from compressed air. Provide clean air source for air receiving equipment.

- Die-cast aluminium body material with a polyester coating, which gives a long life and protects against corrosion. SS316L material is optional, suitable for severe corrosive environment.
- Quick response, stable pressure output even when inlet pressure and flow fluctuate
- Filter solid particles with a minimum diameter of 5 microns and self-cleaning function
- Designed with 3 air outlets, installation direction can be easily adjusted
- Manual or auto drain function is available



Manual

Auto drain

Model No.	PTE-22	
Max. input pressure	1.5MPa	
Output pressure	0 ~1 .0MPa ^[1]	
Working medium	Compressed air	
Ambient temp.	-20 ~ 70°C; -20 ~ 120° C; -40 ~70° C	
Min. filtering size	5µm	
Air connection	NPT1/4; G 1/4	
Body material	Die-cast Aluminium; SS316L	
Weight	Aluminium	Manual drain: 0.6kg; Auto drain: 0.65kg;
	SS316	Manual drain: 1.95kg

[1]: The pressure gauge range is 0—1 .0 MPa, for other specifications please consult PTE

	1.	2.	3.	4.	5.	6.	7.
PTE-22	N	1	0	S	0	1	0

Port Standard^[2]

NPT — N
G — G

Port connection

1/4" — 1
1/2" — 2

Body material

Die-cast Aluminum — 0
SS316L — 1

Ambient temperature

-20~70°C — S
-20~120°C — H
-40~70°C — L

Copper option

Copper — 0
Non-copper — 1

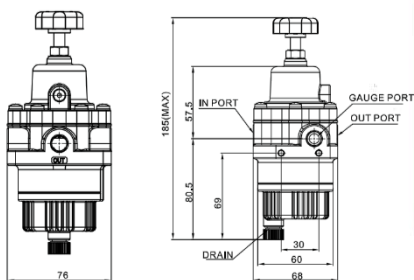
Gauge

None — 0
Normal type — 1
Stainless steel — 2

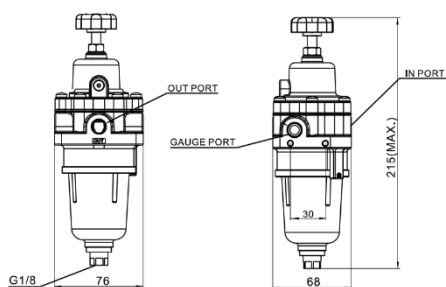
Drain option

Manual drain — 0
Auto drain — 1

[2]: The default screw standard is NPT, please consult PTE for other standards.



Manual drain



Auto drain