

Preparation unit——Regulator

SR Series



Symbol



Product feature

1. Panel support can be chosen for the installation of regulator with independent use in pipeline.
2. The structure is delicate and compact, which is convenient for installation and application.
3. The performance of pressure adjustment is reliable and steady.
4. In addition to standard type, lower pressure type is optional (The highest adjustable pressure is 0.4 MPa).

Specification

Model	SR200-06	SR200L-06	SR200-08	SR200L-08
Fluid	Air			
Port size	1/8"		1/4"	
Pressure range	Standard type:0.05~0.9MPa(7~130psi) ; Lower pressure type:0.03~0.4MPa(4~57psi)			
Max. pressure	1.0MPa(145psi)			
Proof pressure	1.5MPa(215psi)			
Temperature range	-20~70℃			

Ordering code

Model

SR: Regulator(Mini type)

Series code

200: 200 Series

Type code

Blank: Standard

L: Lower pressure

Thread type

P: PT

T: NPT

G: G

Scale

Blank: MPa

P: psi

B: bar

Z: Double scale(psi、kgf/cm²)

Port size

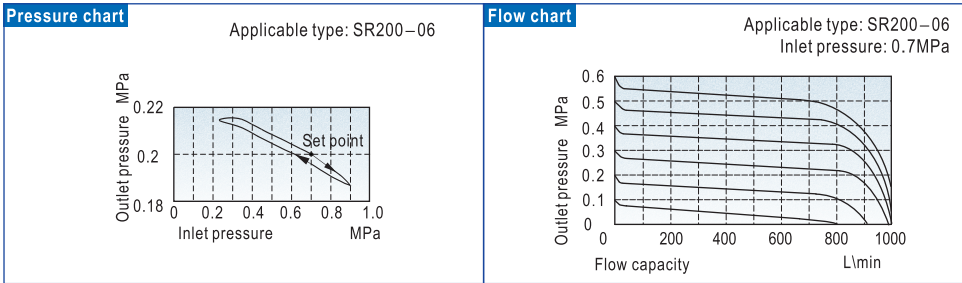
06: 1/8"

08: 1/4"

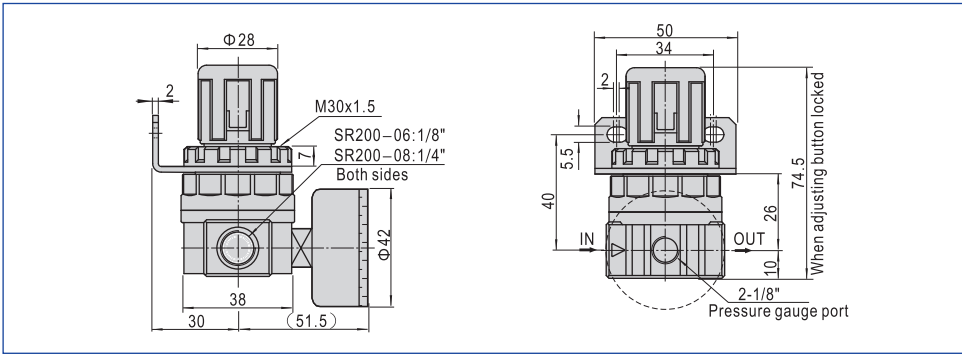
SR 200 L 08

P

Pressure and feature of flow



Dimensions



Preparation unit—Accessories

AIRTAC

Pressure gauge

■ Specification

Model		GS-40 GF-40 GU-40	GS-50 GF-50 GU-50	GF-60 GU-60	GS-40L GF-40L GU-40L	GS-50L GF-50L GU-50L	GF-60L GU-60L
Fluid		Air					
Port size		1/8"	1/4"	1/4"	1/8"	1/4"	1/4"
Temperature range		-20~60℃					
Accuracy grade		2.5					
Type		Standard type			Lower pressure type		
The pressure range of units and instructions	M	0~1.0MPa			0~0.4MPa		
	B	0~10 bar			0~4 bar		
	P	0~140psi			0~60psi		
	Z	0~10kgf/cm ² and 0~140psi(Dual-scale display)			0~4kgf/cm ² and 0~60psi(Dual-scale display)		
Material of major parts		Shell: SPCC : Core: Brass					

■ Ordering code

GS 40 L □

Model	Scale
G: Pressure gauge	Blank: MPa
	P: psi
	B: bar
	Z: Double scale(psi、kgf/cm ²)
Mount Type Code	Type code
S: Standard Mount	Blank: Standard
F: Panel Mount	L: Lower pressure
U: Embedded Mount	
Dial diameter	
40: OD 40mm	
50: OD 50mm	
60: OD 60mm	



Gauge

■ Symbol

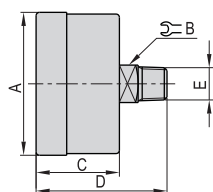
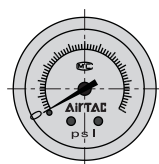


■ Product feature

1. It has sensitive reaction and can work under low pressure.
2. The displayed words in the dial are clear and there are several pressure units to be selected.
3. There are several installation ways and installing accessories to be selected.
4. Various dimensions of screw thread are available.

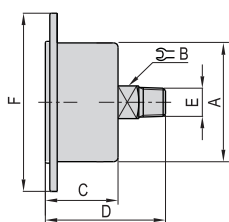
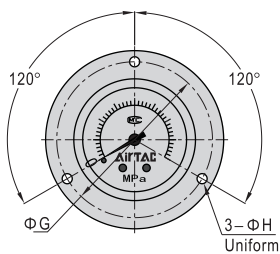
■ Dimensions

GS Series



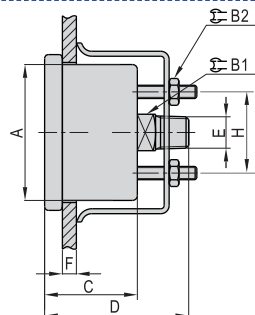
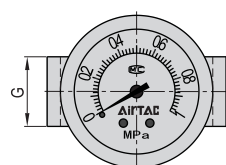
Model	A	B	C	D	E
GS-40	42	11	24.5	38.5	1/8"
GS-50	52	14	26.5	44.5	1/4"

GF Series



Model	A	B	C	D	E	F	G	H
GF-40	42	11	24.5	40.5	1/8"	60	52.5	3.4
GF-50	52	14	27.5	47.5	1/4"	71	62	4.4
GF-60	62	14	30	50	1/4"	82	71.5	4.4

GU Series



Model	A	B	B1	C	D	E	F(max)	G	H
GU-40	42	11	7	28	43.5	1/8"	5	21	24.5
GU-50	52	14	8	30.5	50	1/4"	7	24	35
GU-60	62	14	8	30.5	50	1/4"	7	25	35



Preparation unit——Pressure controller

AIRTAC

PK, AIS Series



PK Series

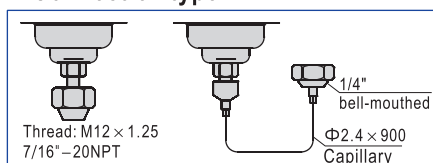
Symbol



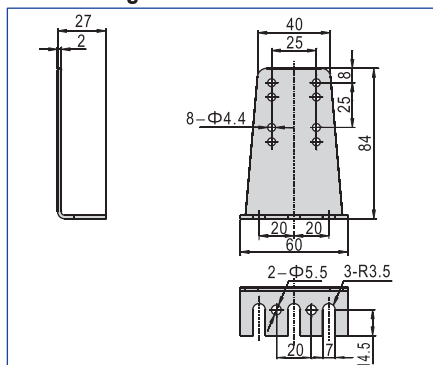
Product feature

1. Adapt to refrigeration preparation, air, fluid, etc. un-causticity medium(Allowable fluid temperature: $-10^{\circ}\text{C} \sim 100^{\circ}\text{C}$).
2. ISO standard mounting bracket can be used for all position.
3. SPDT switch can insure touch point switch reliably.
4. Protection class: IP40.

Connection type



Mounting bracket



Specification

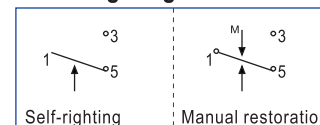
Model	Operating pressure(MPa)		Pressure differetia (MPa)		Aboriginality status (MPa)		Proof pressure (MPa)
	min.	max.	min.	max.	OFF	ON	
PK503	-0.05	0.3	0.035	0.15	0.2	0.1	1.65
PK506	-0.05	0.6	0.06	0.4	0.3	0.2	1.65
PK510	0.1	1.0	0.1	0.3	0.6	0.5	1.65

Note) The pressure unit have "MPa" 、 "Kgf/cm²" .

Electrical specification

Rated current(A)\Rated voltage(V)		125V(AC)	250V(AC)	24V(DC)
Derivational current	Load current	20A	10A	8A
	Instantaneous current	15A	8A	5A
		72A		

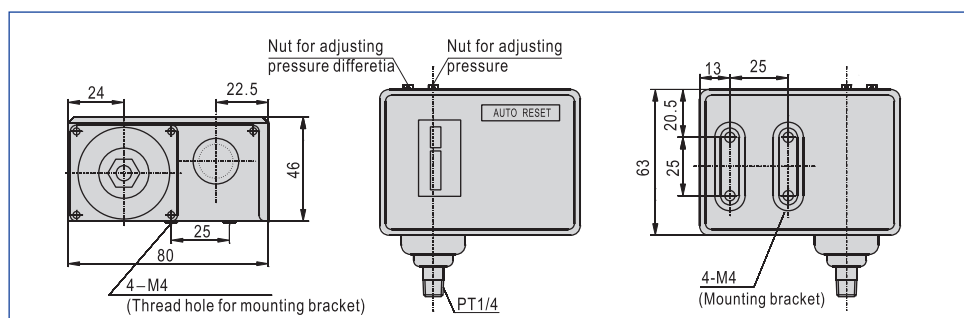
Wiring diagram of switch



Ordering code

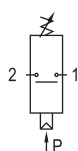
PK 506 M	
Model	Port type
PK: Pressure controller	Blank: PT1/4"
	M: M12 x 1.25
	N: 7/16"-20NPT
	S: Capillary
Operating pressure	
503: -0.05 ~ 0.3	
506: -0.05 ~ 0.6	
510: 0.1 ~ 1.0	

Dimensions



AIS Series

Symbol



Specification

Model	Fluid	Operating pressure (MPa)	Max.Operating pressure (MPa)	Pressure differetia (MPa)	Proof pressure (MPa)	Ambient and fluid temperature °C
AIS1000M	Air to be filtered	0.1~0.4	0.7	<0.08	1.0	5~60

Electrical specification

Switch type	N.O(Normaly opened)
Voltage	24~220V(DC/AC)
Max. current	1000mA
Max. switch power	10W(VA)
Switch times	<1.0ms

Ordering code

AIS 1000M	
Model	Operating pressure
AIS: Pressure controller	1000M: 0.1 ~ 0.4

Dimensions

