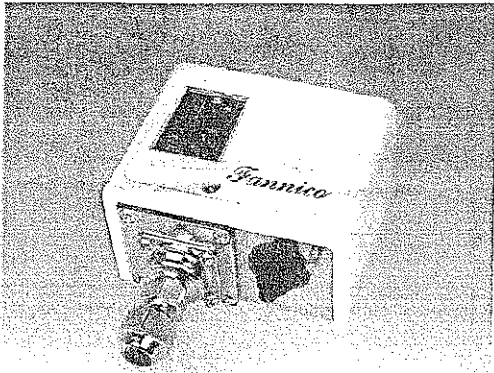


OPERATING INSTRUCTION

PRESSURE CONTROL



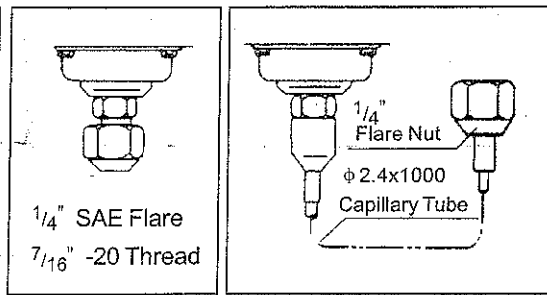
1. General Description

- For use with fluorinated refrigerants as well as with air and water.
(Allowable Fluid Temp: -10°C to 120°C)
- Type FNC for universal application.
- Micro-switch ensures reliable switching.
- With S.P.D.T. contact mechanism.

2. Electrical Ratings

Rated Voltage(V) Rated Amps(A)		Power Factor	125/250V AC
			Non-Inductive Current
Inductive Current	Full Load	0.75	48/24
	Locked Roted	0.45	144/72

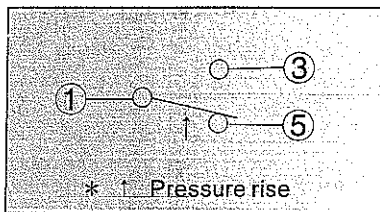
3. Pressure Connections



Standard

Available upon request

4. Contact Function

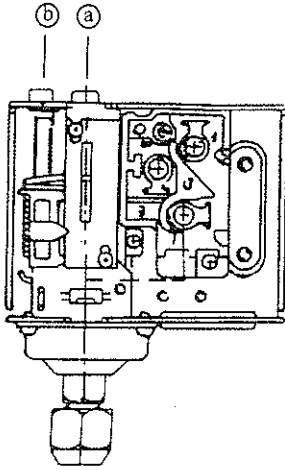


- ① : Common
- ③ : Cut-out on pressure decrease
- ⑤ : Cut-out on pressure increase

5. Specifications

Model No.	Range				Factory Setting		Max Bellows Pressure (Kg/cm ²)	Wt(Kg)	
	Min.	Max.	Min.	Max.	Off(On)	On(Off)			
FNC	K-3	-65cmHg	3	0.4	2	1.5	1	15	0.34
	K-6	-65cmHg	6	0.6	4	3	2	15	0.34
	K-10	1	10	1	3	6	5	15	0.34
	K-20	5	20	2	5	12	15	33	0.34
	K-30	5	30	5	10	20	15	33	0.34

6. Figure



• Screws

- Ⓐ : Range adjusting screw
- Ⓑ : Differential adjusting screw

7. Adjustment

- The range indicator indicates the cut-out or cut-in setting depends on terminal selection for application.
- The range indicator is adjusted by turning the range adjusting screw Ⓐ .
- The differential is the difference between the cut-out and cut-in point for a given setting.
- The differential is adjusted by turning the differential adjusting screw Ⓑ .

8. Caution

Purge all tubing and lines before connecting pressure controls.

Avoid sharp bend or kinks in capillary tubing.

Check that control is not installed on equipment to handle a load in excess of electrical rating.

Do not set that the differential is higher than the range.

Do not turn sealed screws.

9. Mounting

Standard bracket regularly supplied. Controls may be mounted in any position.

Controls may also be mounted to wall surface or panel board by 4 mounting holes provided in the back of the case.