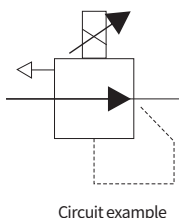


Electro-Pneumatic Regulator ITV Series

Product Features

- Stepless control of air pressure through electrical proportional signals
- Accuracy: 1kPa
- Support RS-485 communication
- Liquid crystal screen display



Model Number

ITV 2 0 5 - 3 1 2 B S

Type

ITV	Standard
ITS	Customized

Standard: $\pm 0.5\% \text{ F.S. } \pm 2 \text{ digit or less}$
Customized: $\pm 0.2\% \text{ F.S. } \pm 1 \text{ digit or less}$

Form

1	100
2	200
3	300

Voltage

0	DC24V
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Pressure range

1	0.1MPa{1.0kgf/cm ² }
3	0.5MPa{5.1kgf/cm ² }
5	0.9MPa{9.2kgf/cm ² }

Input signal

0	Current 4-20MA
1	Current 0-20MA
2	Voltage DC 0-5V
3	Voltage DC 0-10V
40	4 point preset input
RS	RS485

Monitor out

1	DC1-5V
2	NPN
3	PNP
4	DC4-20MA
blank	no

Cable connector

N	Dead wire
S	Linear form(2M)
L	Rectangular type(2M)

Accessories (brackets)

blank	no
B	Flat plate bracket
C	L-bracket

Pipe size

1	PT 1/8 (100形式)
G1	G 1/8 (100形式)
2	PT 1/4 (100、200、300形式)
G2	G 1/4 (100、200、300形式)
3	PT 3/8 (200、300形式)
G3	G 3/8 (200、300形式)
4	PT 1/2 (300形式)
G4	G 1/2 (300形式)

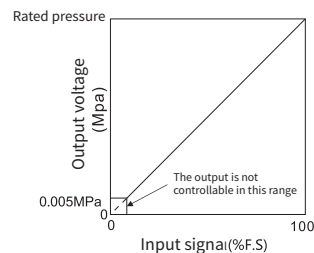
Protection mode

●Protection mode

Start: Enter protection mode when the output pressure does not reach the set pressure.

State: The electrical proportional valve (internal solenoid valve) will work intermittently and stop for 8S after working for 4S.

Release: The output pressure reaches the set pressure and automatically releases the protection mode.



Input-output characteristic curve

Note: Please do not install oil mist on the air supply side.