

Electro-Pneumatic Regulator

Series *ITV1000/2000/3000*



How to Order

ITV **3** **0** **1** **0** - **0** **1** **F** **2** **S** -

Model

1	1000 type
2	2000 type
3	3000 type

Pressure range

1	0.1 MPa
3	0.5 MPa
5	0.9 MPa

Power supply voltage

0	24 VDC
1	12 to 15 VDC

Note) Communication models (CC, DE, PR, RC) 16 points preset input and 10 bit digital input are available only for 24 VDC.

Input signal/

Communication model

0	Current type 4 to 20 mA DC (Sink type)
1	Current type 0 to 20 mA DC (Sink type)
2	Voltage type 0 to 5 VDC
3	Voltage type 0 to 10 VDC
40	4 points preset input
52	16 points preset input (Switch output/NPN output)
53	16 points preset input (Switch output/PNP output)
60	10 bit digital input
CC	CC-Link
DE	DeviceNet™
PR	PROFIBUS DP
RC	RS-232C communication

Monitor output

1	Analogue output 1 to 5 VDC
2	Switch output/NPN output
3	Switch output/PNP output
4	Analogue output 4 to 20 mA DC (Sink type/+COM type) ^{Note 1)}
—	None

Note) For -COM type, see page 25 for details.

Thread type

—	Rc
N	NPT
T	NPTF
F	G

• **Made to Order Specifications**
Refer to pages 11, 25, 26 and 27 for details.

• **Pressure display unit**

—	MPa
2	kgf/cm ²
3	bar
4	psi
5	kPa

Note) For the communication models, CC, DE, PR and RC, only “—” is available as it does not have a pressure display.

• **Cable connector type**

S	Straight type 3 m
L	Right angle type 3 m
N	Without cable connector

Note) Order communication cable (other than RS-232C) separately. See below.

• **Bracket**

—	Without bracket
B	Flat bracket
C	L-bracket

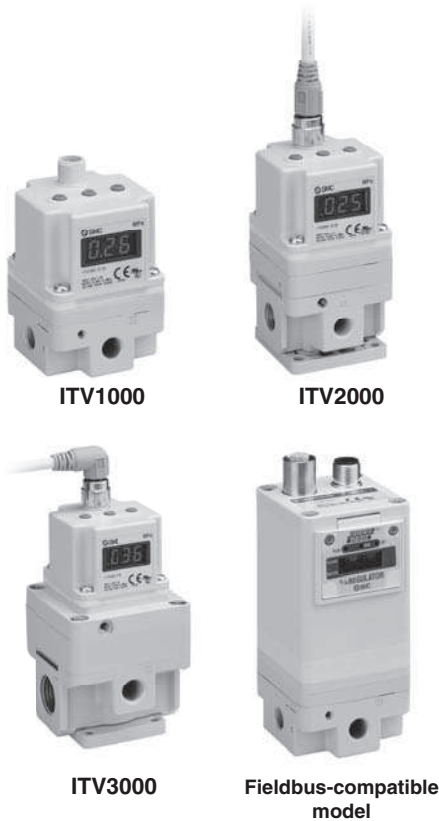
• **Port size**

1	1/8 (1000 type)
2	1/4 (1000, 2000, 3000 type)
3	3/8 (2000, 3000 type)
4	1/2 (3000 type)

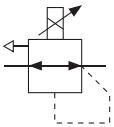
For communication cables, use the parts listed below (refer to the catalogue [M8/M12 Connector] CAT.ES100-73 for details) or order the product certified for the respective protocol (with M12 connector) separately.

Application	Communication cable part number	Remarks
CC-Link compatibility	PCA-1567720 (Socket type)	Dedicated Bus adapter supplied with the product.
	PCA-1567717 (Plug type)	
DeviceNet™ compatibility	PCA-1557633 (Socket type)	T-branch connector not supplied.
	PCA-1557646 (Plug type)	
PROFIBUS DP compatibility	PCA-1557688 (Socket type)	T-branch connector not supplied.
	PCA-1557691 (Plug type)	

Electro-Pneumatic Regulator *Series ITV1000/2000/3000*



JIS Symbol



Rated pressure

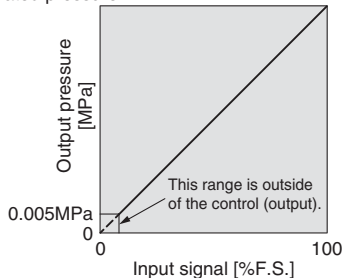


Figure 1. Input/output characteristics chart

Communication Specifications (CC, DE, PR, RC)

Standard Specifications

Model	ITV101□ ^{Note 10}	ITV103□ ^{Note 10}	ITV105□ ^{Note 10}
	ITV201□	ITV203□	ITV205□
	ITV301□	ITV303□	ITV305□
Minimum supply pressure	Set pressure +0.1 MPa		
Maximum supply pressure	0.2 MPa	1.0 MPa	
Set pressure range ^{Note 1)}	0.005 to 0.1 MPa	0.005 to 0.5 MPa	0.005 to 0.9 MPa
Power supply	Voltage	24 VDC ±10%, 12 to 15 VDC	
	Current consumption	Power supply voltage 24 VDC type: 0.12 A or less ^{Note 8)} Power supply voltage 12 to 15 VDC type: 0.18 A or less	
Input signal	Current type ^{Note 2)}	4 to 20 mA DC, 0 to 20 mA DC (Sink type)	
	Voltage type	0 to 5 VDC, 0 to 10 VDC	
	Preset input	4 points (Negative common), 16 points (No common polarity)	
Input impedance	Digital input	10 bit (parallel)	
	Current type	250 Ω or less ^{Note 6)}	
	Voltage type	Approx. 6.5 kΩ	
Output signal (monitor output) ^{Note 3)}	Preset input	Power supply voltage 24 VDC type: Approx. 4.7 kΩ; Power supply voltage 12 VDC type: Approx. 2.0 kΩ	
	Digital input	Approx. 4.7 kΩ	
	Analogue output	1 to 5 VDC (Output impedance: Approximately 1 kΩ) 4 to 20 mA DC (Sink type) (Load impedance: 250Ω or less) Output accuracy within ±6% (Full span)	
Switch output	NPN open collector output: Max. 30 V, 80 mA PNP open collector output: Max. 80 mA		
Linearity	Within ±1% (Full span)		
Hysteresis	Within 0.5% (Full span)		
Repeatability	Within ±0.5% (Full span)		
Sensitivity	Within 0.2% (Full span)		
Temperature characteristics	Within ±0.12% (Full span)/C		
Output pressure display ^{Note 4)}	Accuracy	±2%F.S. ±1 digit	
	Minimum unit	MPa: 0.001, kgf/cm ² : 0.01, bar: 0.01, psi: 0.1 ^{Note 5)} , kPa: 1	
Ambient and fluid temperature	0 to 50°C (No condensation)		
Enclosure	IP65		
Weight ^{Note 9)}	ITV10□□	Approx. 250 g (without options)	
	ITV20□□	Approx. 350 g (without options)	
	ITV30□□	Approx. 645 g (without options)	

Note 1) Please refer to Figure 1 for the relationship between set pressure and input. Because the maximum set pressure differs for each pressure display, refer to page 45.

Note 2) 2-wire type 4 to 20 mA DC is not available. Power supply voltage (24 VDC or 12 to 15 VDC) is required.

Note 3) Select either analogue output or switch output.

Further, when switch output is selected, select either NPN output or PNP output.

Note 4) Adjustment of numerical values such as the zero/span adjustment or preset input type is set based on the minimum units for output pressure display (e.g. 0.01 to 0.50 MPa). Note that the unit cannot be changed.

Note 5) The minimum unit for 0.9 MPa (130 psi) types is 1 psi.

Note 6) Value for the state with no over current circuit included. If an allowance is provided for an over current circuit, the input impedance varies depending on the input current. This is 350 Ω or less for an input current of 20 mA DC.

Note 7) The above characteristics are confined to the static state. When air is consumed on the output side, the pressure may fluctuate.

Note 8) For communication models, the maximum current consumption is 0.16 A or less.

Note 9) For communication models, add roughly 80 g to the weight (100 g for the PROFIBUS DP).

Note 10) The ITV1000 series is a Grease-free specification (Wetted parts).

Model	ITV□□□0-CC	ITV□□□0-DE	ITV□□□0-PR	ITV□□□0-RC
Protocol	CC-Link	DeviceNet™	PROFIBUS DP	RS-232C
Version ^{Note 1)}	Ver 1.10	Volume 1 (Edition 3.8), Volume 3 (edition 1.5)	DP-V0	—
Communication speed	156 k/625 k 2.5 M/5 M/10 M bps	125 k/250 k/500 k bps	9.6 k/19.2 k/45.45 k 93.75 k/187.5 k/500 k 1.5 M/3 M/6 M/12 M bps	9.6 kbps
Configuration file ^{Note 2)}	—	EDS	GSD	—
I/O occupation area (input/output data)	4 word/4 word, 32 bit/32 bit (per station, remote device station)	16 bit/16 bit	16 bit/16 bit	—
Communication data resolution	12 bit (4096 resolution)	12 bit (4096 resolution)	12 bit (4096 resolution)	10 bit (1024 resolution)
Fail safe	HOLD ^{Note 3)} /CLEAR (Switch setting)	HOLD/CLEAR (Switch setting)	CLEAR	HOLD
Electric insulation ^{Note 4)}	No	No	Yes	No
Terminating resistor	—	—	Built into the product (Switch setting)	—

Note 1) Note that version information is subject to change.

Note 2) Configuration files can be downloaded from the SMC's website: <http://www.smcworld.com>

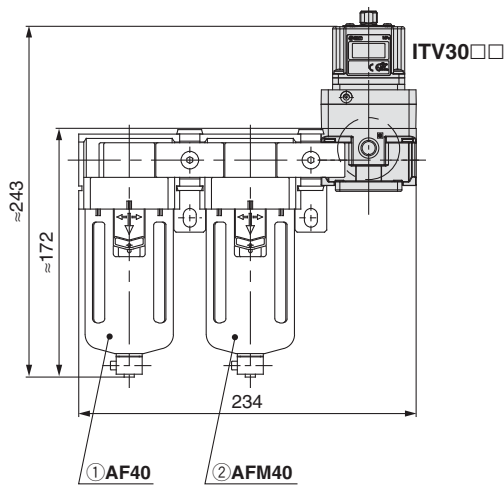
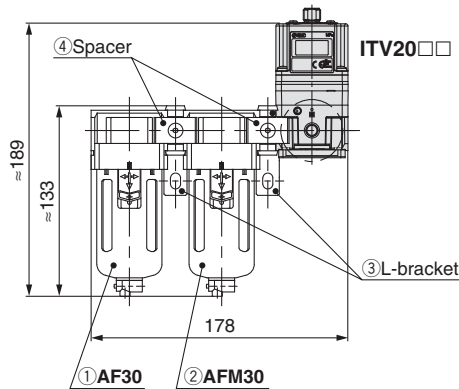
Note 3) The output HOLD value when a CC-Link communications error occurs can be set based on the bit area data.

Note 4) The insulation between the electrical signal of the communication system and ITV power supply.

Series ITV1000/2000/3000

Modular Products and Accessory Combinations

* ITV10□□ models are not applicable.



Applicable products and accessories	Applicable model	
	ITV20□□	ITV30□□
① Air filter	AF30-A	AF40-A
② Mist separator	AFM30-A	AFM40-A
③ L-bracket	B310L	B410L
④ Spacer	Y30	Y40
⑤ Spacer with L-bracket (③ + ④)	Y30L	Y40L
⑥ Spacer with T-bracket	—	Y40T

Accessories (Option)/Part No.

[Bracket]

Applicable model	Description	Part No.
ITV10□□	Flat bracket assembly (including mounting screws)	P398010-600
ITV20□□, 30□□		P398020-600
ITV10□□	L-bracket assembly (including mounting screws)	P398010-601
ITV20□□, 30□□		P398020-601

[Cable connector]

Applicable model	Description	Part No.	
Current type Voltage type 4 points preset input	Cable connector (4 cores)	Straight type 3 m	P398020-500-3
		Right angle type 3 m	P398020-501-3
16 points preset input	Power cable (4 cores)	Straight type 3 m	P398020-500-3
		Right angle type 3 m	P398020-501-3
	Signal cable (5 cores)	Straight type 3 m	P398020-502-3
		Right angle type 3 m	P398020-503-3
10 bit digital input	Cable connector (13 cores)	Straight type 3 m	INI-398-0-59
CC-Link PROFIBUS DP DeviceNet™	Power cable (4 cores)	Straight type 3 m	P398020-500-3
		Right angle type 3 m	P398020-501-3
RS-232C	Power cable (4 cores)	Straight type 3 m	P398020-500-3
		Right angle type 3 m	P398020-501-3
	Communication cables connector (5 cores)	Straight type 3 m	P398020-502-3
		Right angle type 3 m	P398020-503-3

Note 1) For the 10-bit digital type, there is no right angle type cable connector.

Note 2) Even when "with cable connector" is selected the communication cable is not included in the communication model (CC, DE, PR). Please order separately.

[Bus adapter]

Applicable model	Description	Part No.
CC-Link	Bus adapter (Bus adapter supplied with the product.)	EX9-ACY00-MJ



Made to Order

(Refer to pages 25, 26 and 27 for details.)

Symbol	Specifications
X256	Monitor analogue output 4-20mA (source type/-COM type)
X102	Reverse type
X224	High pressure type (SUP 1.2 MPa, OUT 1.0 MPa)
X25	Set pressure range 1 to 100 kPa (Except Series ITV3000)
X410	Linearity $\pm 0.5\%$ F.S. or less
X420	With alarm output
X88	High speed response type (Except Series ITV3000)
X26	For manifold mounting (Except Series ITV3000)

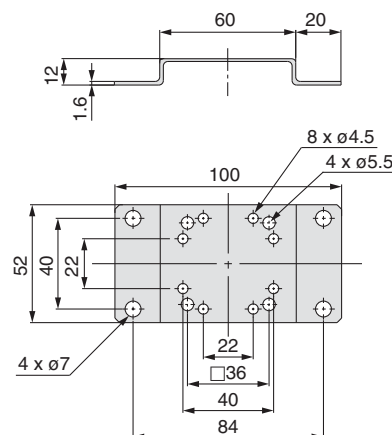
Note 1) Manifolds are compatible with 2 to 8 stations. Consult with SMC for 9 stations or more.

Note 2) Products without symbols are also compatible. Consult with SMC separately.

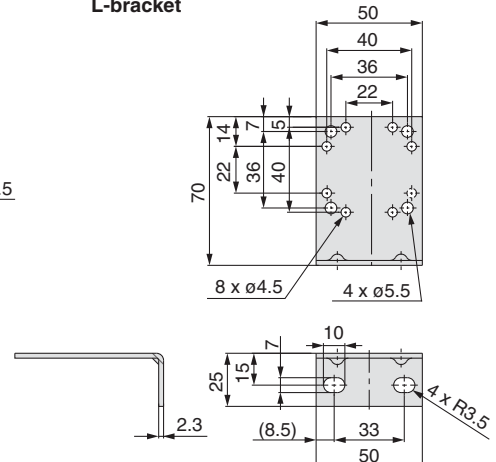
Model	Bracket tightening torque
ITV1000	0.76 \pm 0.05 N·m
ITV2000/3000	1.5 \pm 0.05 N·m

Dimensions

Flat bracket



L-bracket



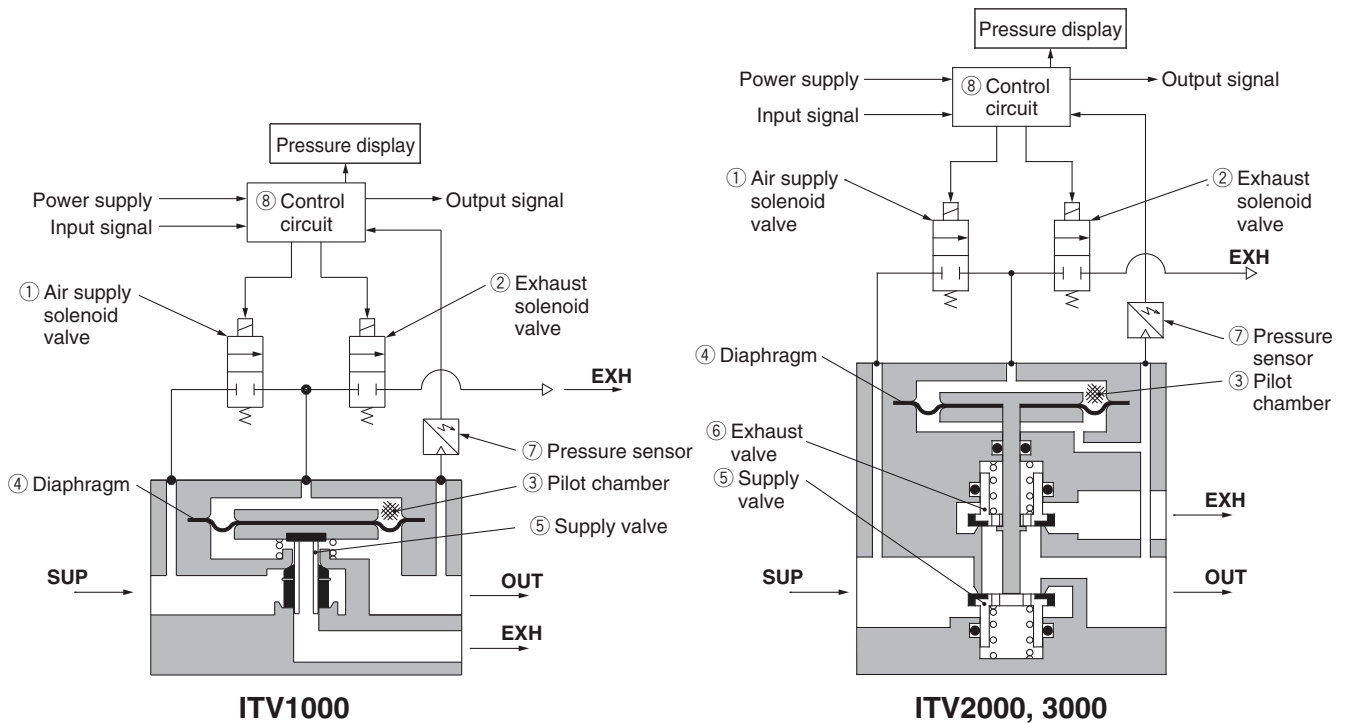
Working Principles

When the input signal rises, the air supply solenoid valve ① turns ON, and the exhaust solenoid valve ② turns OFF. Therefore, supply pressure passes through the air supply solenoid valve ① and is applied to the pilot chamber ③. The pressure in the pilot chamber ③ increases and operates on the upper surface of the diaphragm ④.

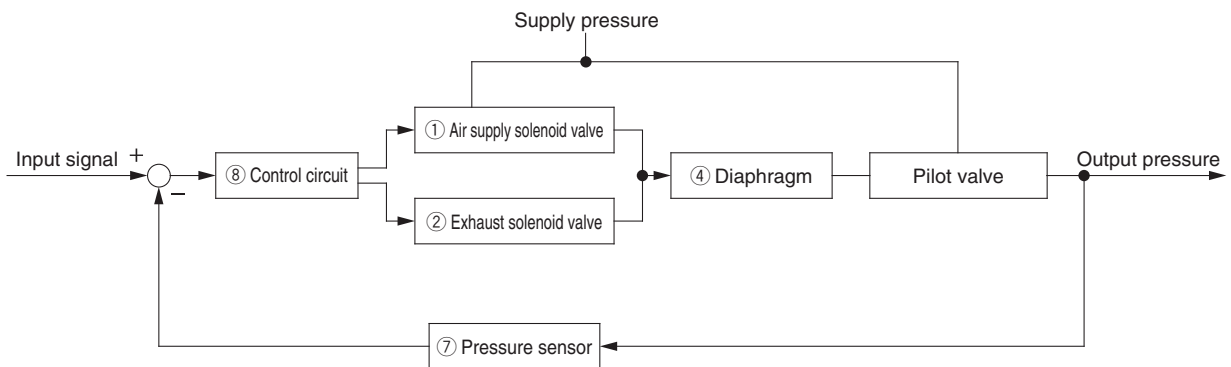
As a result, the air supply valve ⑤ linked to the diaphragm ④ opens, and a portion of the supply pressure becomes output pressure.

This output pressure feeds back to the control circuit ⑧ via the pressure sensor ⑦. Here, a correct operation functions until the output pressure is proportional to the input signal, making it possible to always obtain output pressure proportional to the input signal.

Working Principle Diagram



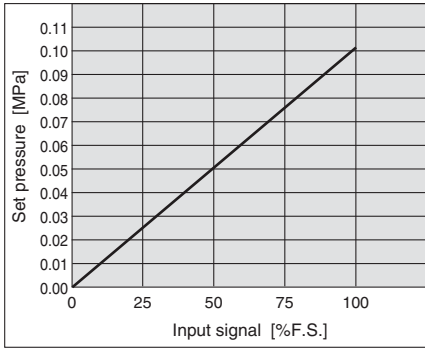
Block diagram



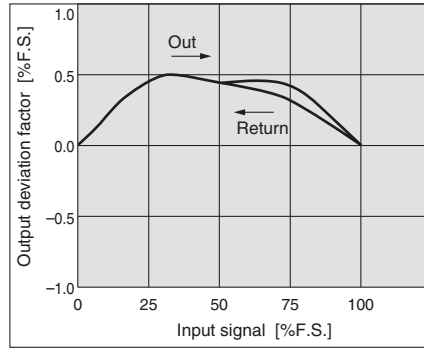
Series ITV1000/2000/3000

Series ITV101

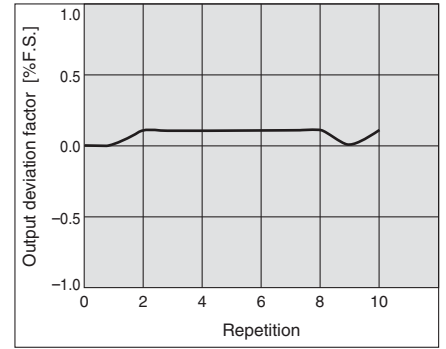
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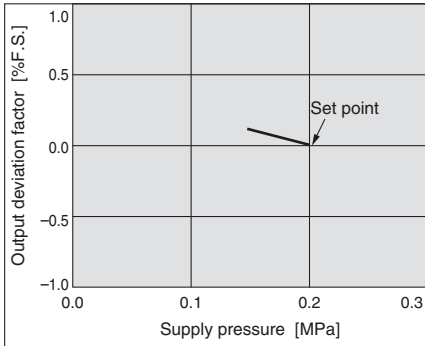
Hysteresis



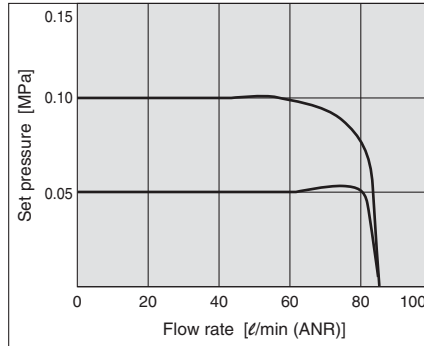
Repeatability



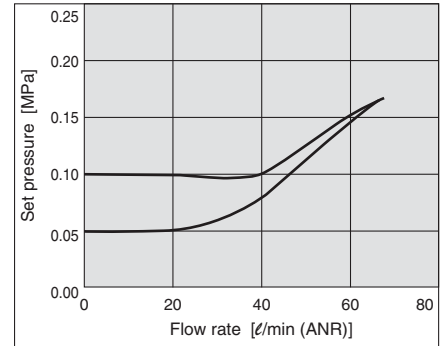
Pressure characteristics Set pressure: 0.05 MPa



Flow characteristics Supply pressure: 0.2 MPa

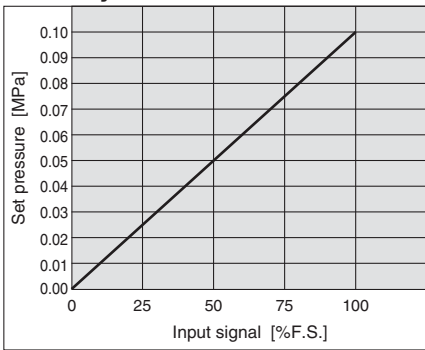


Relief flow characteristics Supply pressure: 0.2 MPa

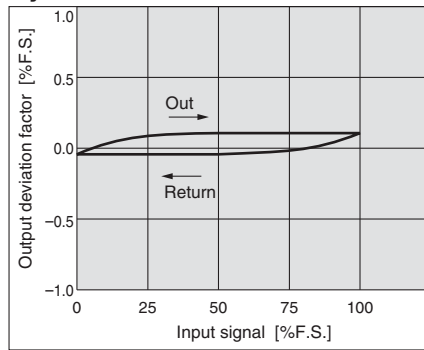


Series ITV201

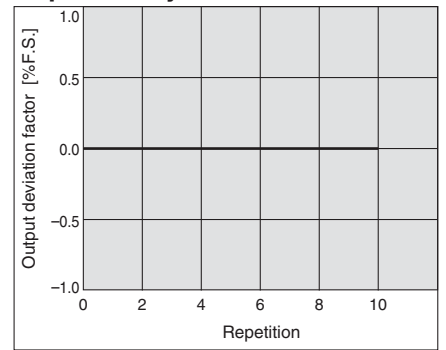
Linearity



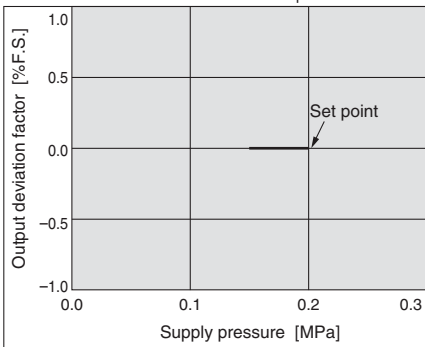
Hysteresis



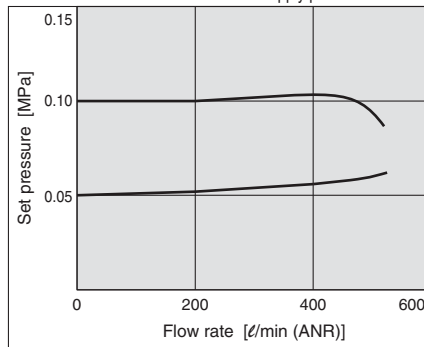
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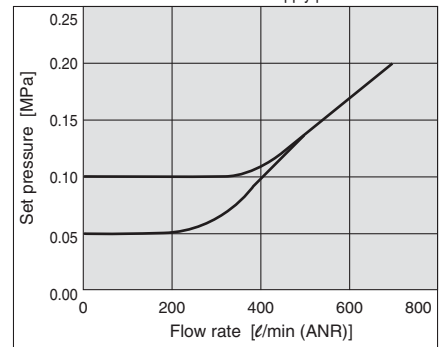
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Flow characteristics Supply pressure: 0.2 MPa

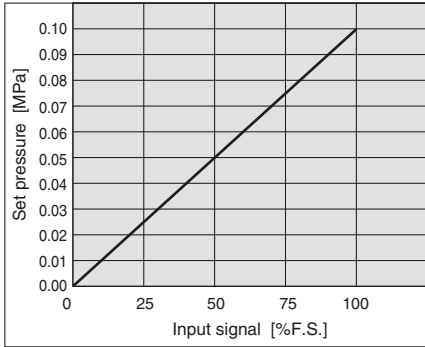


Relief flow characteristics Supply pressure: 0.2 MPa

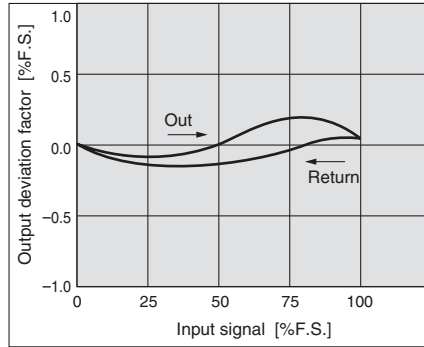


Series ITV301

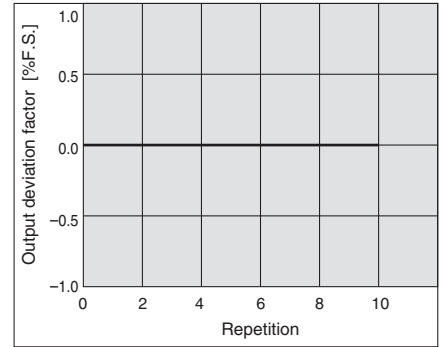
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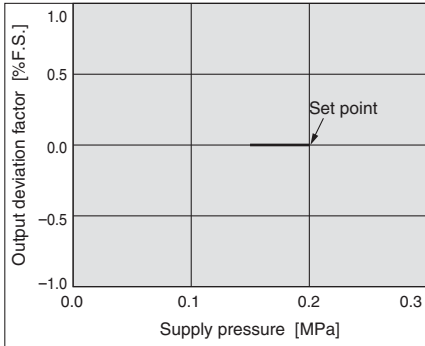
Hysteresis



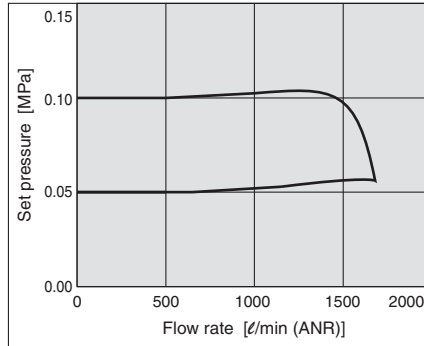
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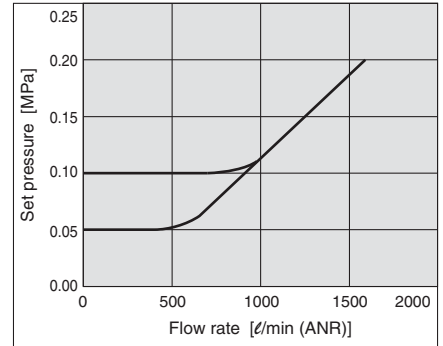
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Flow characteristics Supply pressure: 0.2 MPa



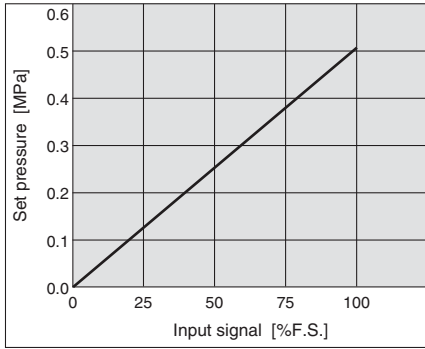
Relief flow characteristics Supply pressure: 0.2 MPa



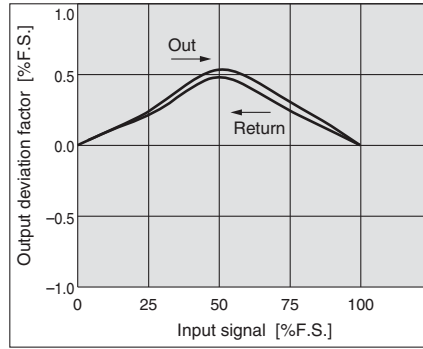
Series ITV1000/2000/3000

Series ITV103

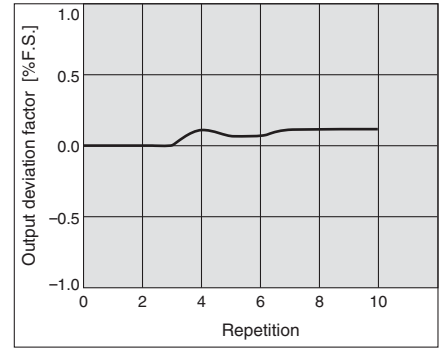
Linearity



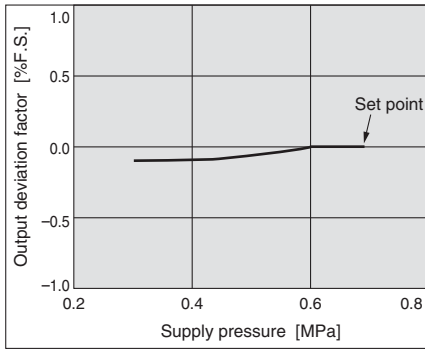
Hysteresis



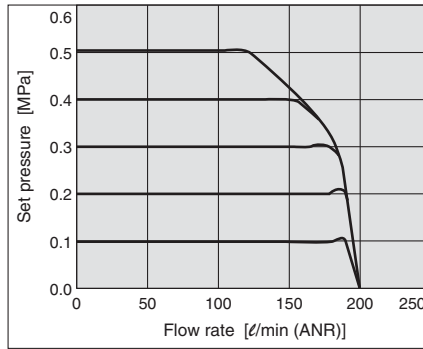
Repeatability



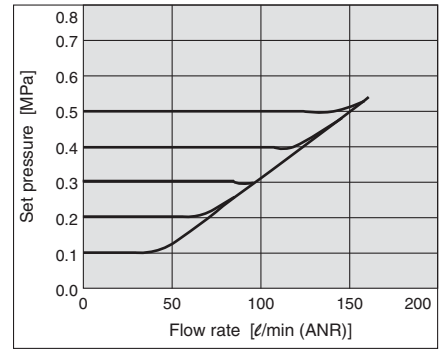
Pressure characteristics Set pressure: 0.2 MPa



Flow characteristics Supply pressure: 0.7 MPa

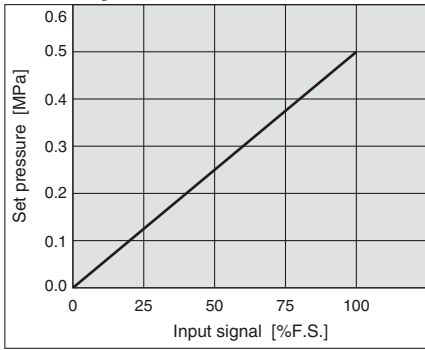


Relief flow characteristics Supply pressure: 0.7 MPa

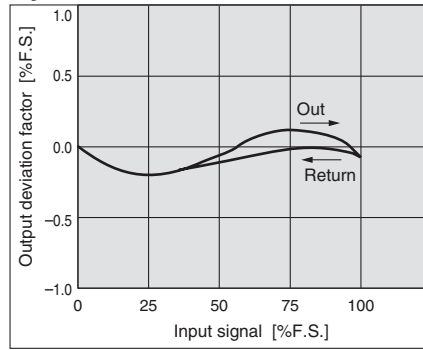


Series ITV203

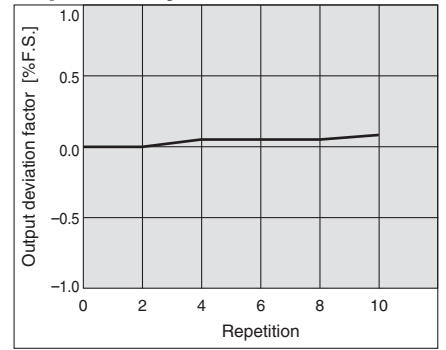
Linearity



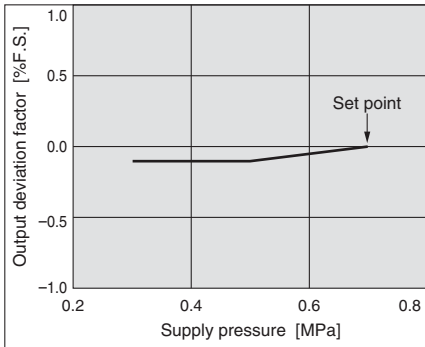
Hysteresis



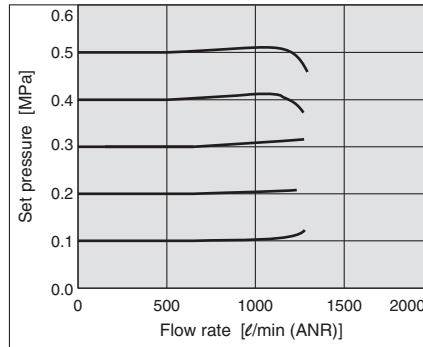
Repeatability



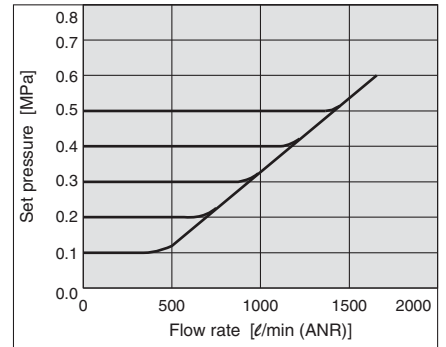
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Flow characteristics Supply pressure: 0.7 MPa

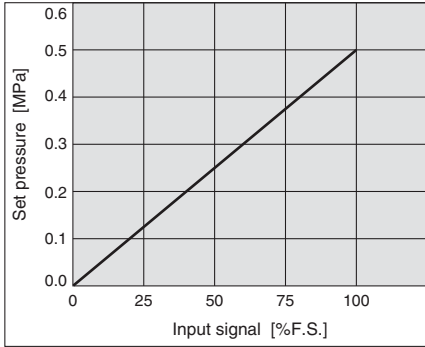


Relief flow characteristics Supply pressure: 0.7 MPa

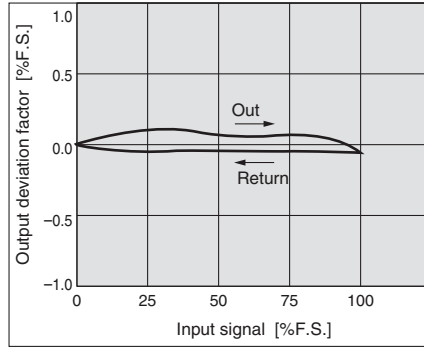


Series ITV303

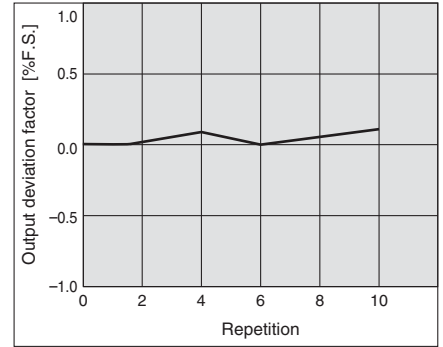
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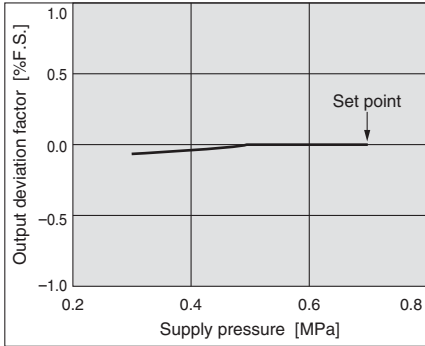
Hysteresis



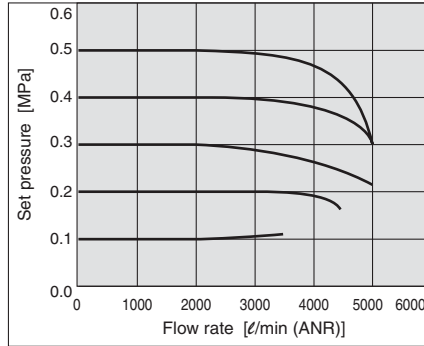
Repeatability



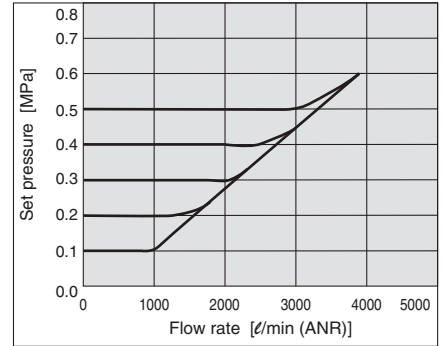
Pressure characteristics Set pressure: 0.2 MPa



Flow characteristics Supply pressure: 0.7 MPa



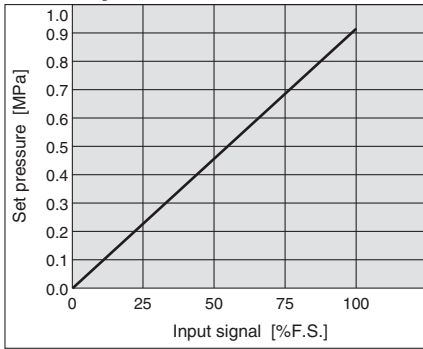
Relief flow characteristics Supply pressure: 0.7 MPa



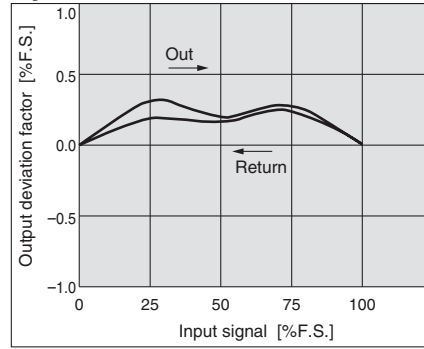
Series ITV1000/2000/3000

Series ITV105

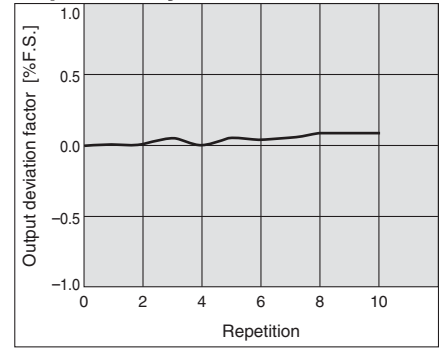
Linearity



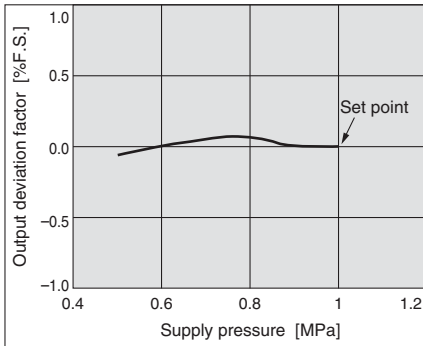
Hysteresis



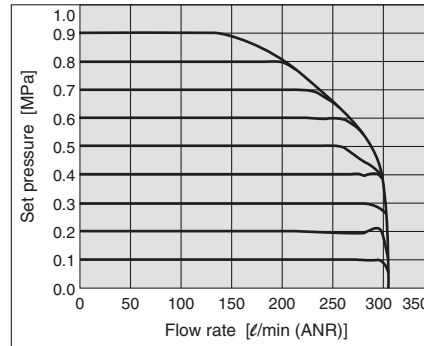
Repeatability



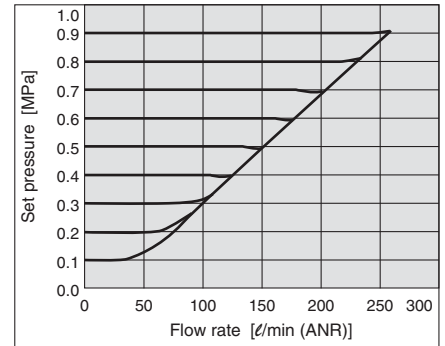
Pressure characteristics Set pressure: 0.4 MPa



Flow characteristics Supply pressure: 1.0 MPa

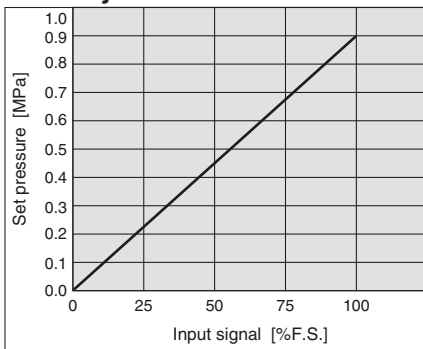


Relief flow characteristics Supply pressure: 1.0 MPa

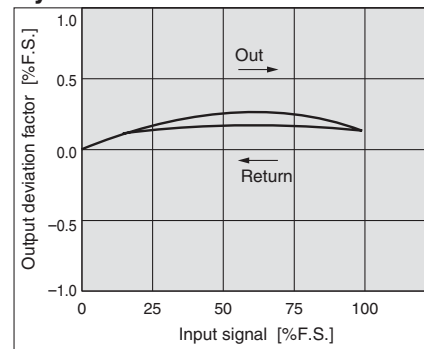


Series ITV205

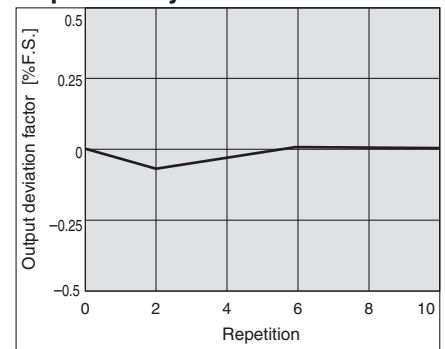
Linearity



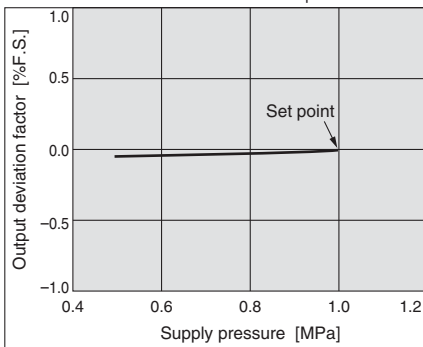
Hysteresis



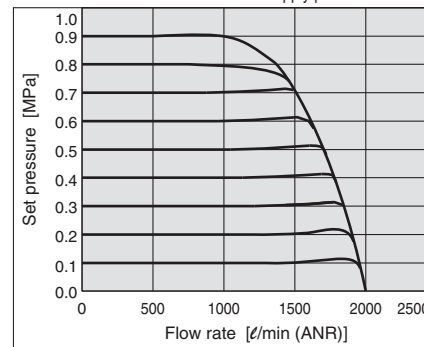
Repeatability



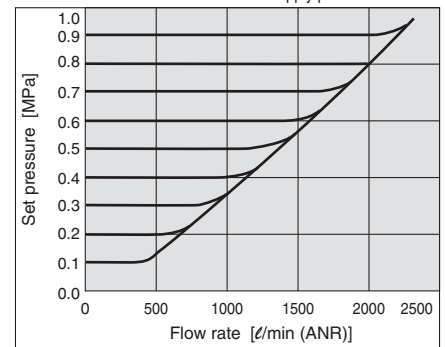
Pressure characteristics Set pressure: 0.4 MPa



Flow characteristics Supply pressure: 1.0 MPa

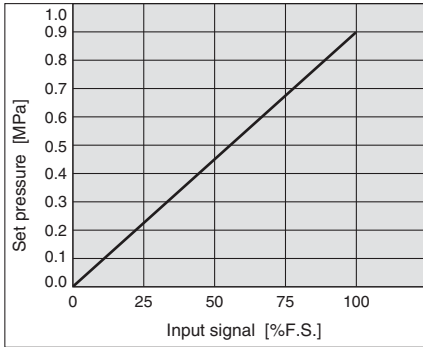


Relief flow characteristics Supply pressure: 1.0 MPa

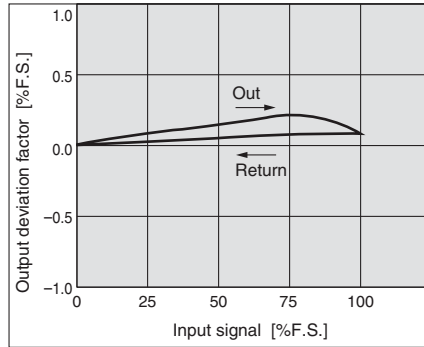


Series ITV305

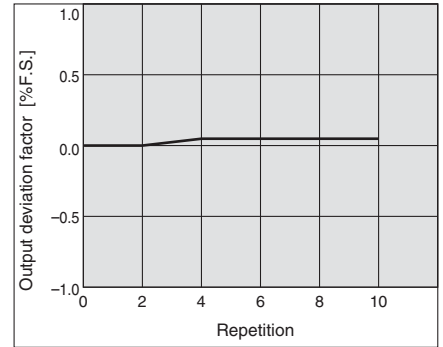
Linearity



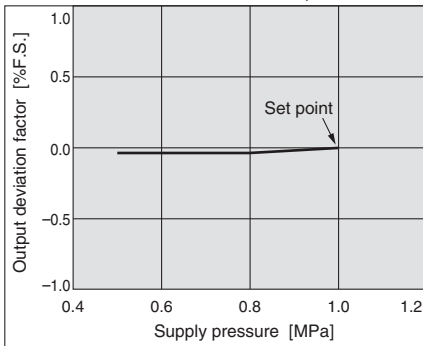
Hysteresis



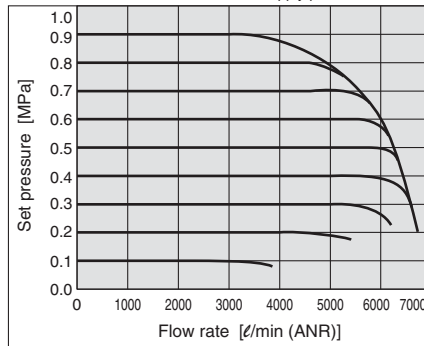
Repeatability



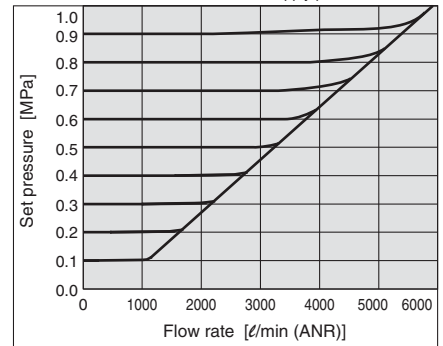
Pressure characteristics Set pressure: 0.4 MPa



Flow characteristics Supply pressure: 1.0 MPa



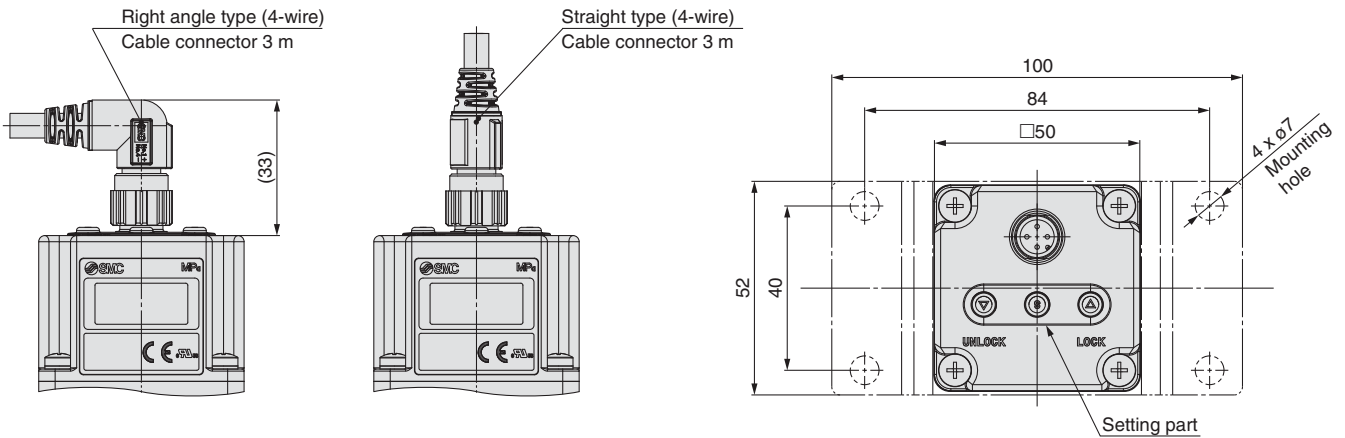
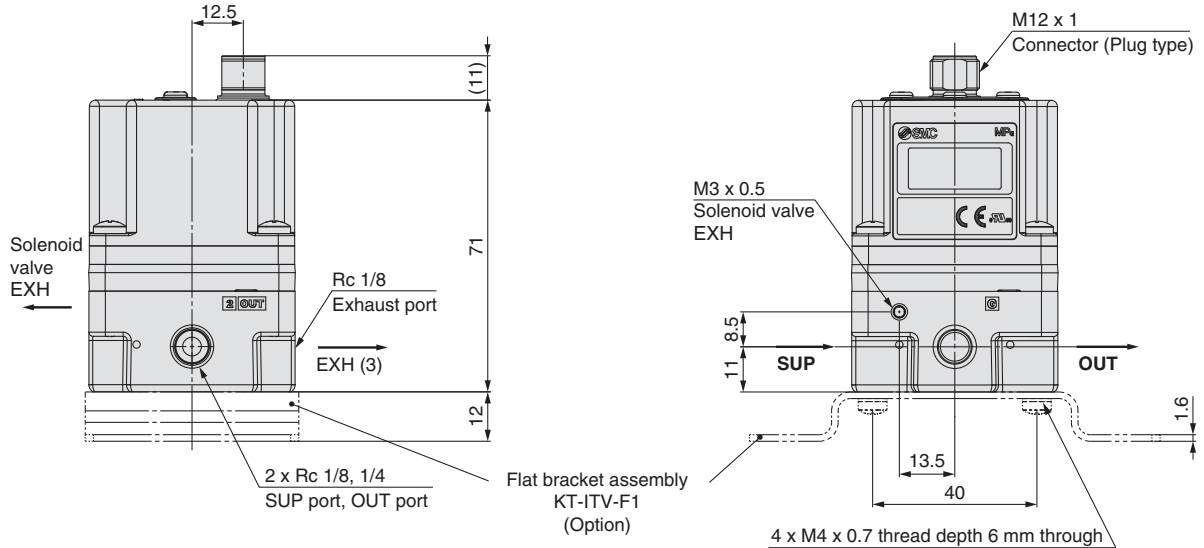
Relief flow characteristics Supply pressure: 1.0 MPa



Series ITV1000/2000/3000

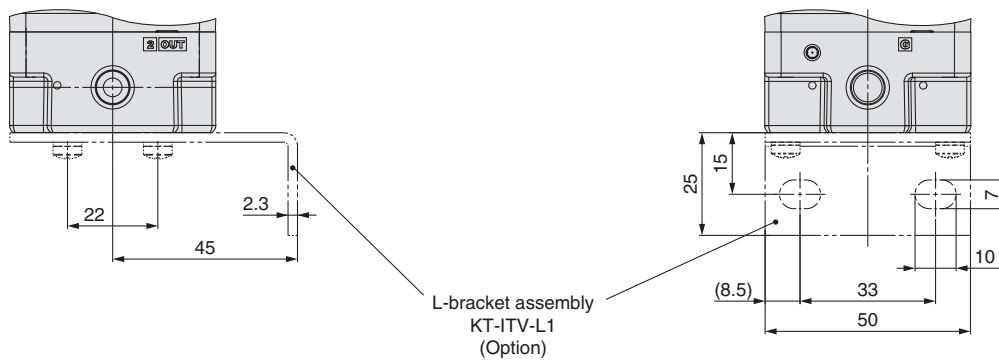
Dimensions

ITV10□□ Flat bracket



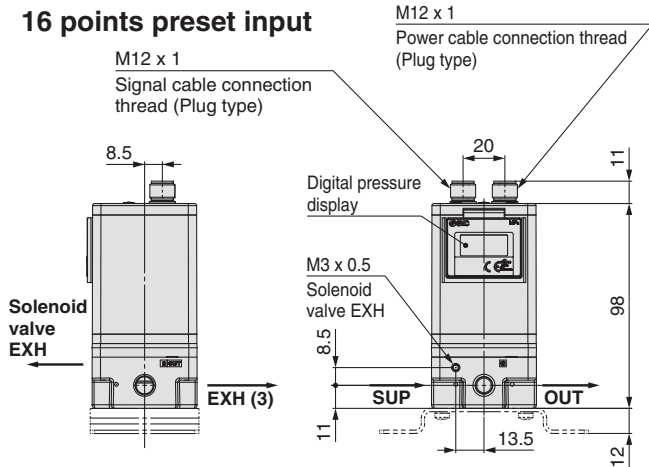
Note) Do not attempt to rotate, as the cable connector does not turn.

L-bracket

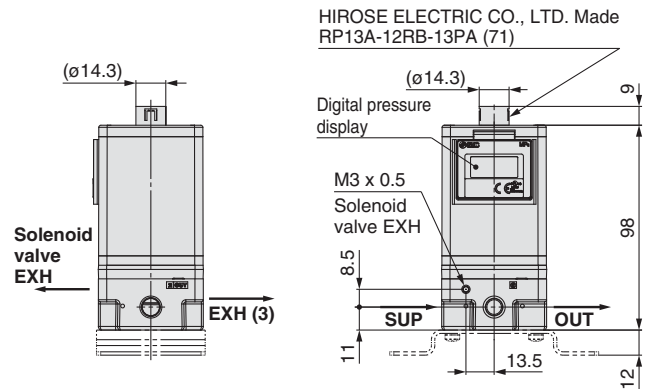


Dimensions (16 points preset input, 10 bit digital input, CC-Link, DeviceNet™, PROFIBUS DP and RS-232C)

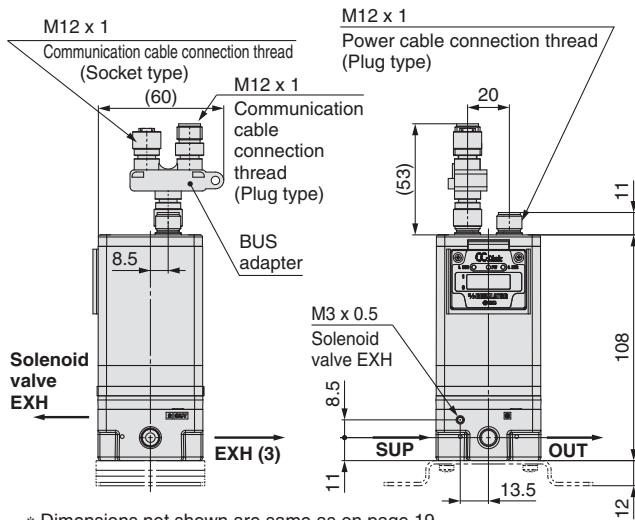
16 points preset input



10 bit digital input

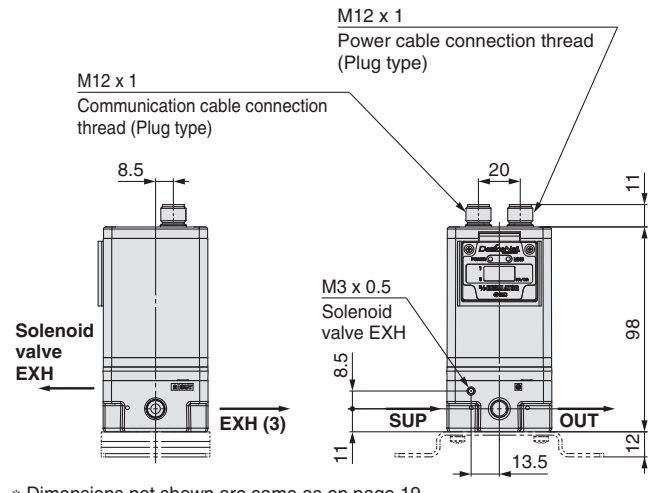


CC-Link/ITV10□0-CC



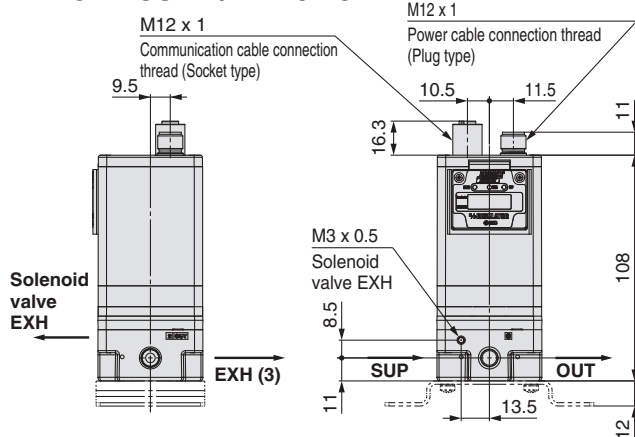
* Dimensions not shown are same as on page 19.

DeviceNet™/ITV10□0-DE



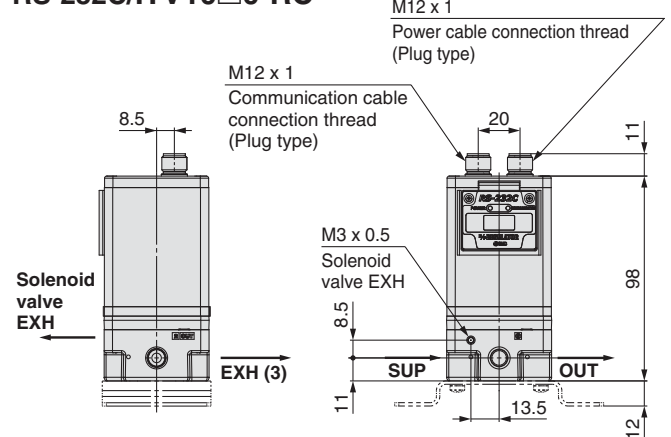
* Dimensions not shown are same as on page 19.

PROFIBUS DP/ITV10□0-PR



* Dimensions not shown are same as on page 19.

RS-232C/ITV10□0-RC

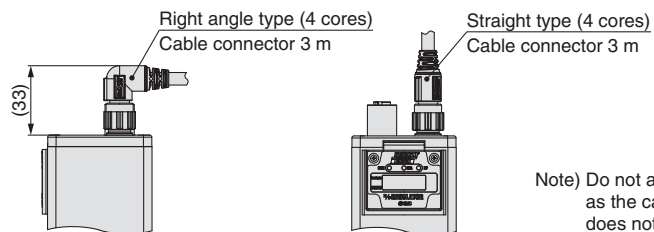


* Dimensions not shown are same as on page 19.

With power cable connector

* ITV10□0-
52
53
CC
DE
PR
RC
common dimensions

Note) Order communication cable (other than 16 points, RS-232C) separately. (Refer to page 9.)



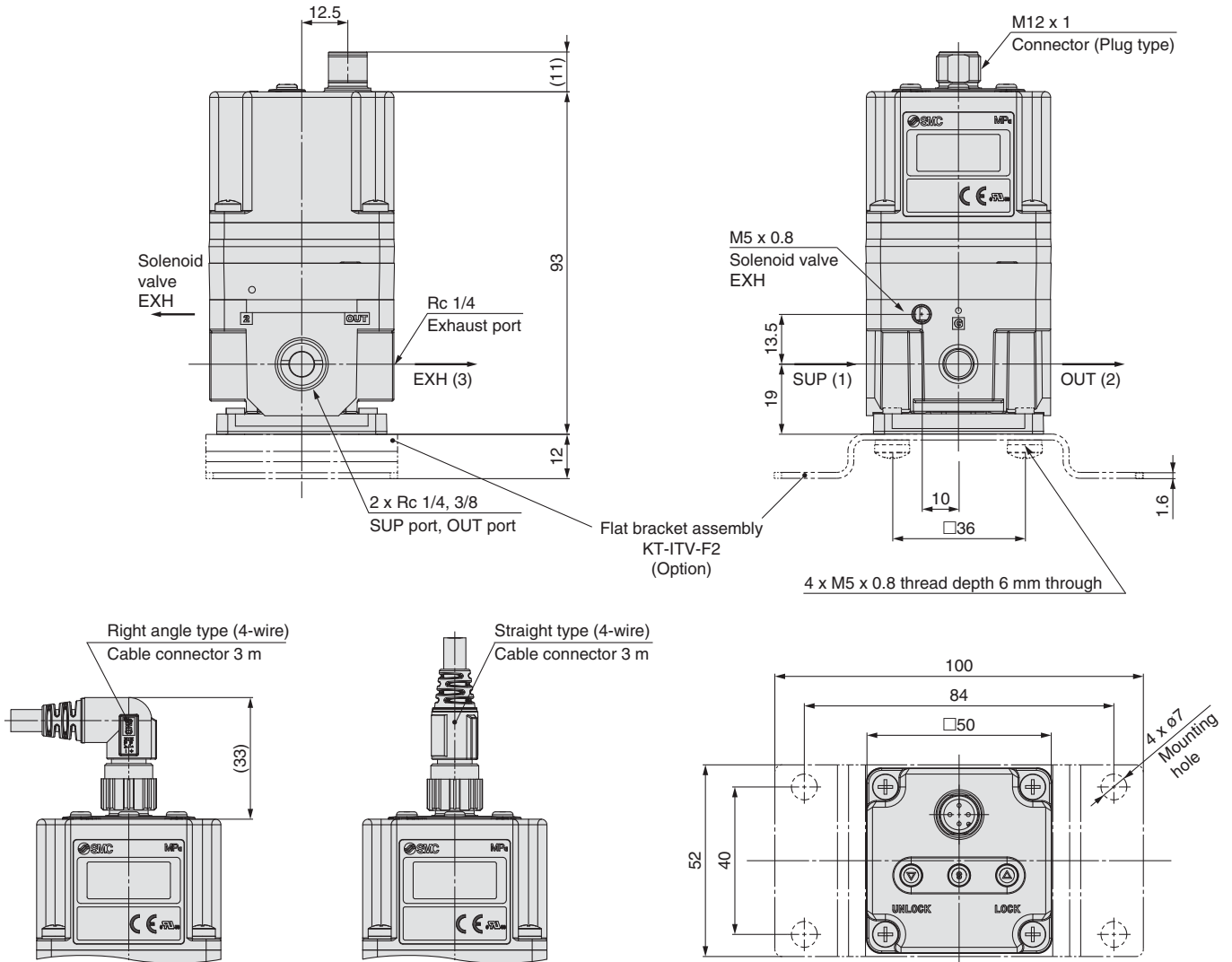
Note) Do not attempt to rotate, as the cable connector does not turn.

Series ITV1000/2000/3000

Dimensions

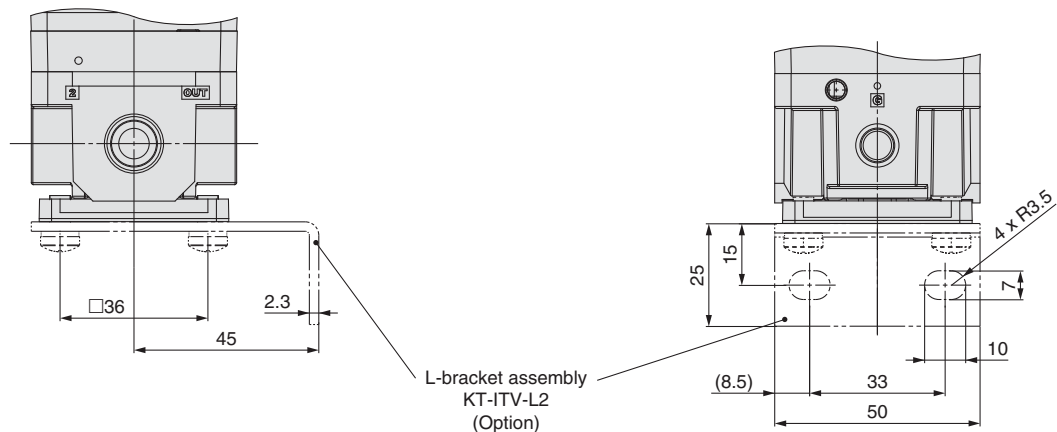
ITV20□□

Flat bracket



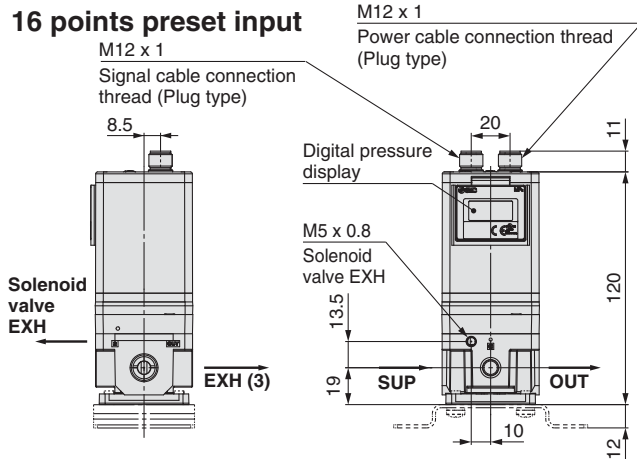
Note) Do not attempt to rotate, as the cable connector does not turn.

L-bracket

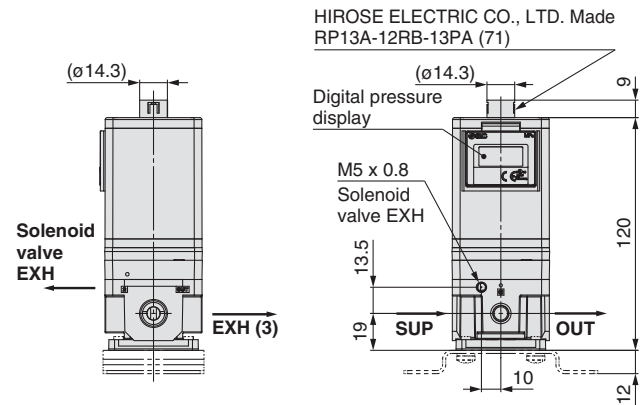


Dimensions (16 points preset input, 10 bit digital input, CC-Link, DeviceNet™, PROFIBUS DP and RS-232C)

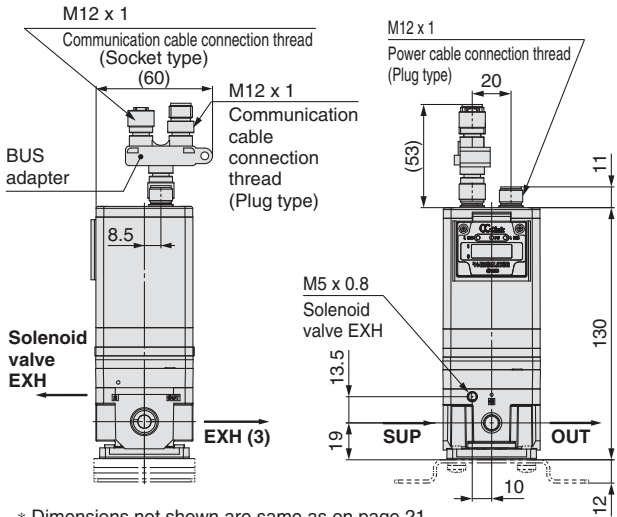
16 points preset input



10 bit digital input

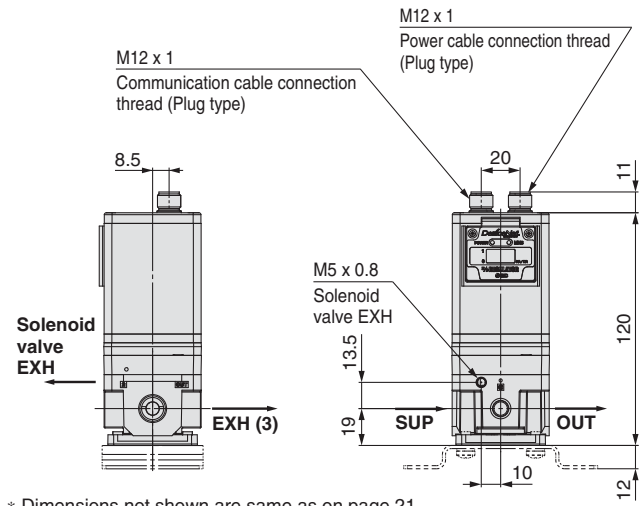


CC-Link/ITV20□0-CC



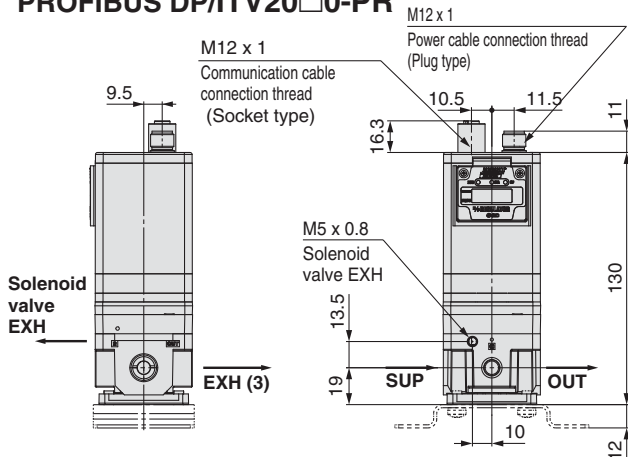
* Dimensions not shown are same as on page 21.

DeviceNet™/ITV20□0-DE



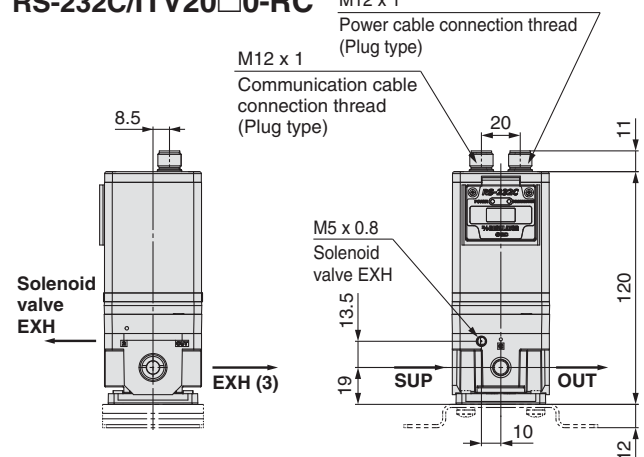
* Dimensions not shown are same as on page 21.

PROFIBUS DP/ITV20□0-PR



* Dimensions not shown are same as on page 21.

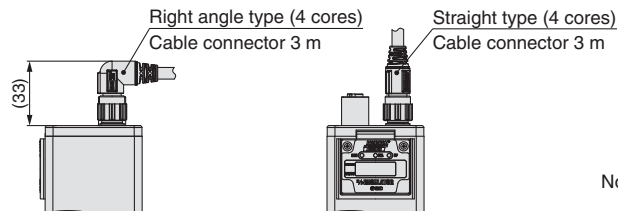
RS-232C/ITV20□0-RC



* Dimensions not shown are same as on page 21.

With power cable connector

* **ITV20□0-52**
ITV20□0-53
ITV20□0-CC
ITV20□0-DE
ITV20□0-PR
ITV20□0-RC
common dimensions



Note) Order communication cable (other than 16 points, RS-232C) separately. (Refer to page 9.)

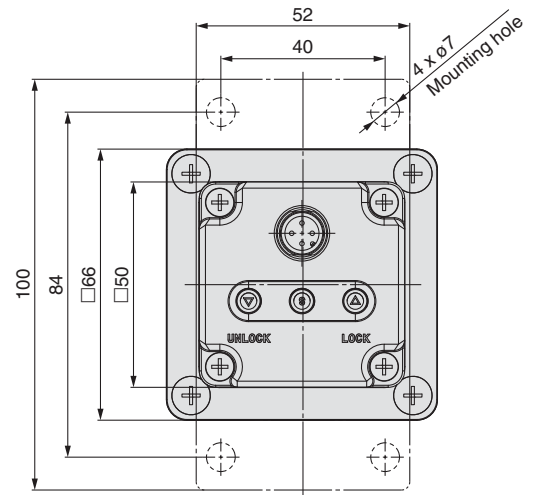
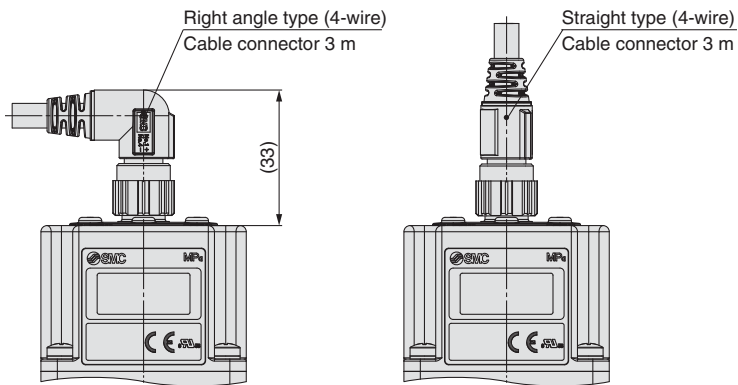
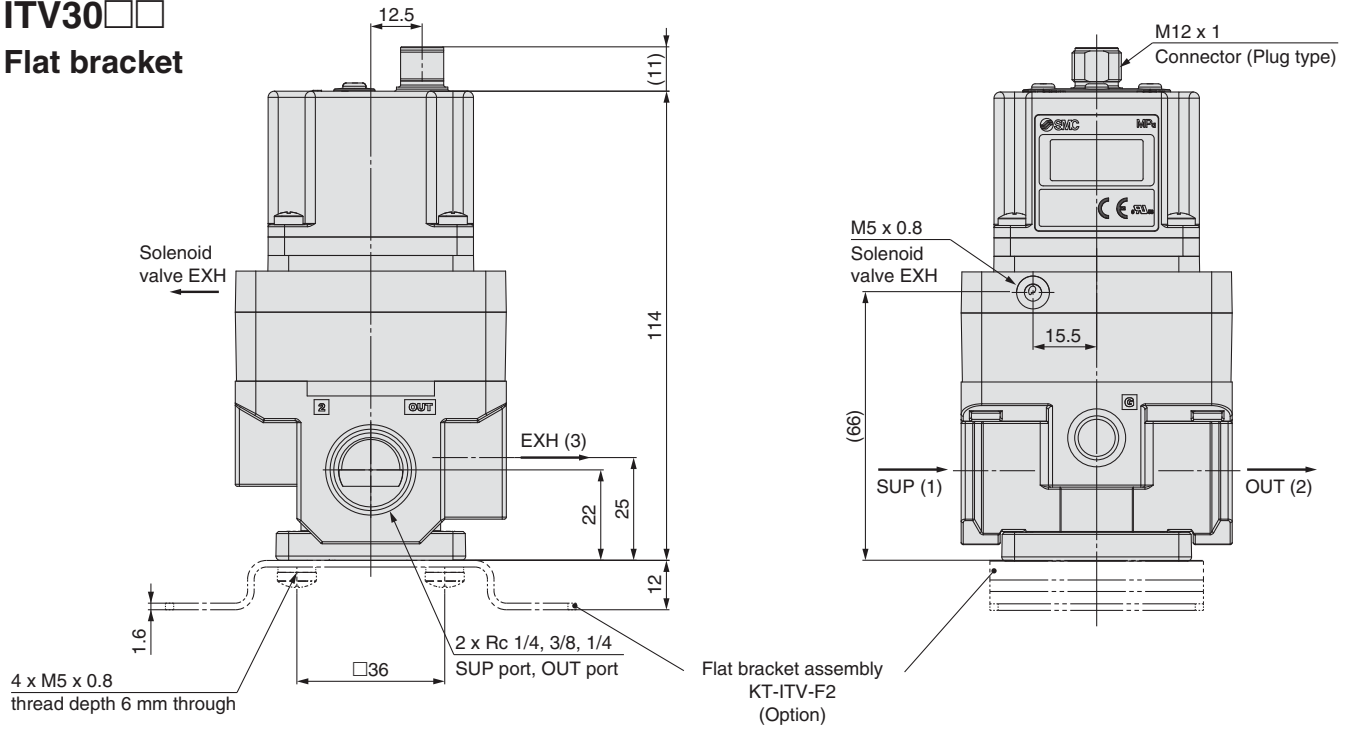
Note) Do not attempt to rotate, as the cable connector does not turn.

Series ITV1000/2000/3000

Dimensions

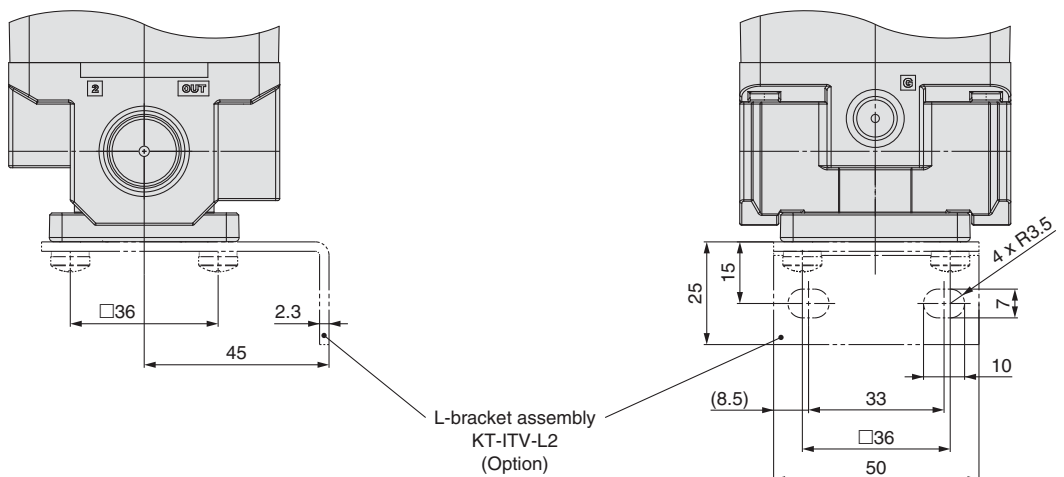
ITV30□□

Flat bracket



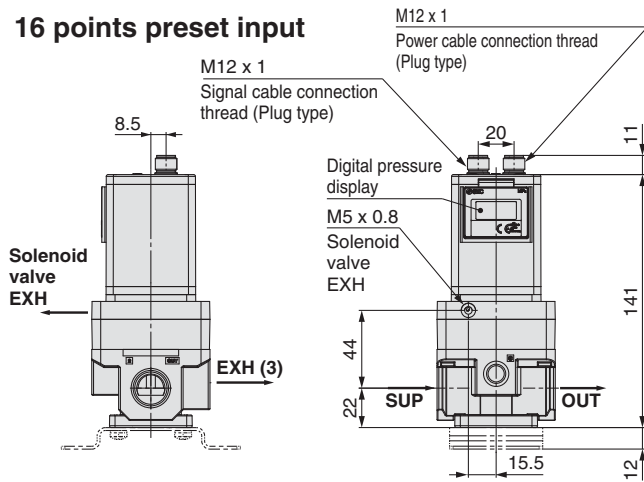
Note) Do not attempt to rotate, as the cable connector does not turn.

L-bracket

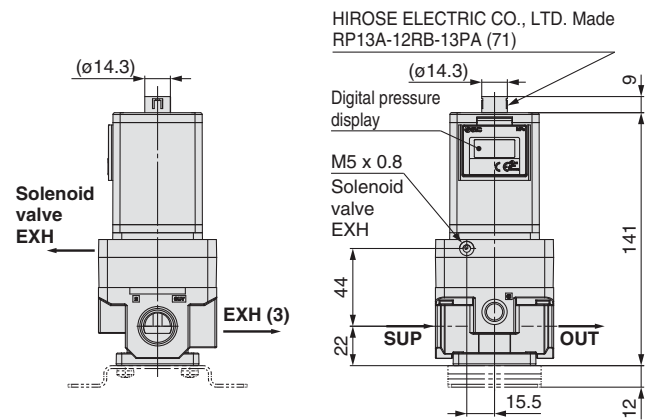


Dimensions (16 points preset input, 10 bit digital input, CC-Link, DeviceNet™, PROFIBUS DP and RS-232C)

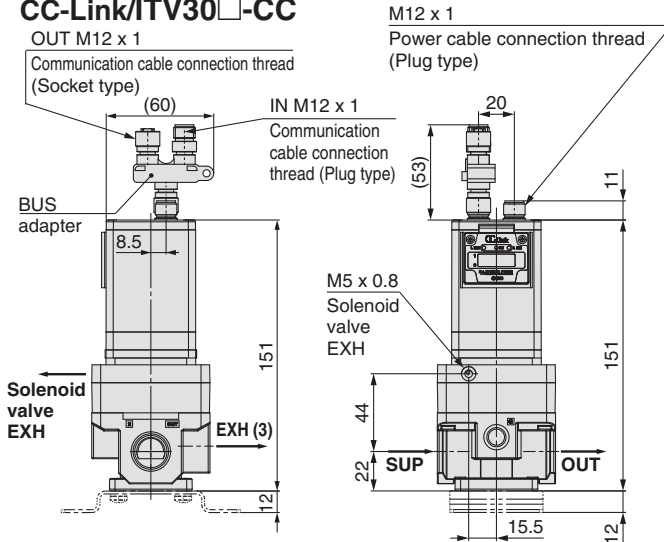
16 points preset input



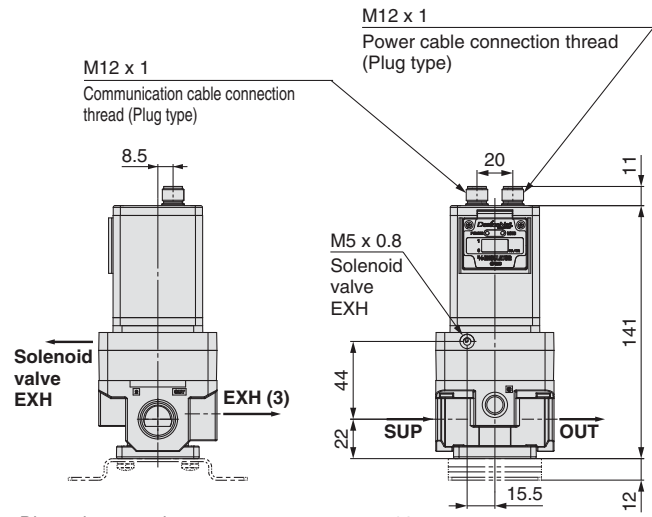
10 bit digital input



CC-Link/ITV30□-CC



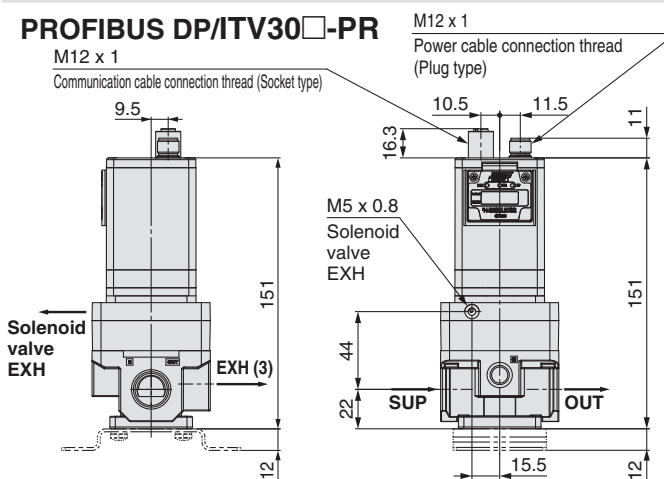
DeviceNet™/ITV30□-DE



* Dimensions not shown are same as on page 23.

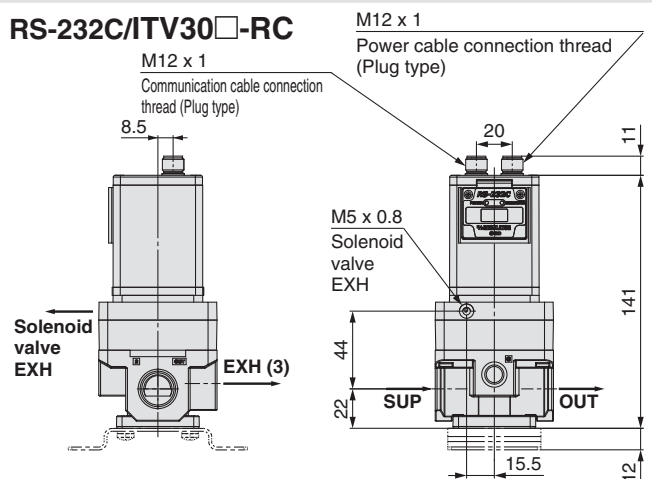
* Dimensions not shown are same as on page 23.

PROFIBUS DP/ITV30□-PR



* Dimensions not shown are same as on page 23.

RS-232C/ITV30□-RC

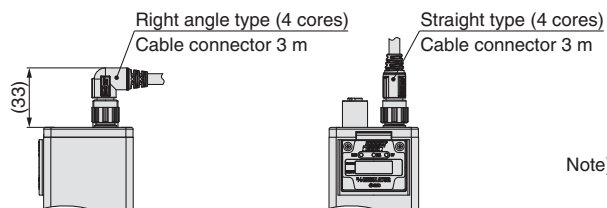


* Dimensions not shown are same as on page 23.

With power cable connector

* **ITV30□-CC/DE/PR/RC** common dimensions

Note) Order communication cable (other than 16 points, RS-232C) separately. (Refer to page 9.)



Note) Do not attempt to rotate, as the cable connector does not turn.

Series ITV1000/2000/3000

Made to Order Specifications 1

Please contact SMC for detailed dimensions, specifications and lead times.



1 Monitor Analogue output 4-20mA (source type/-COM)

ITV10 - 4 - X256

ITV20 - 4 - X256

Note 1) in part number is the same model no. for the standard products.

4 Set Pressure Range 1 to 100 kPa

ITV10 1 - - X25

ITV20 1 - - X25

Set pressure range 1 to 100 kPa ●

Note) For preset input type, digital input type and communication models, consult SMC for availability.

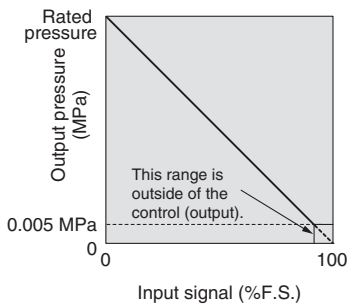
2 Reverse Type

In compliance with input, inverse proportional pressure is displayed.

ITV10 - - X102

ITV20 - - X102

ITV30 - - X102



Reverse type ●

Input/output characteristics chart

Note 1) in part number is the same model no. for the standard products.
 Note 2) Except for preset input type and digital input type.
 Note 3) For communication models, consult SMC for availability.

3 High Pressure Type (SUP 1.2 MPa, OUT 1.0 MPa)

ITV10 5 - - X224

ITV20 5 - - X224

ITV30 5 - - X224

High pressure type (SUP 1.2 MPa, OUT 1.0 MPa) ●

Note) For preset input type, digital input type and communication models, consult SMC for availability.

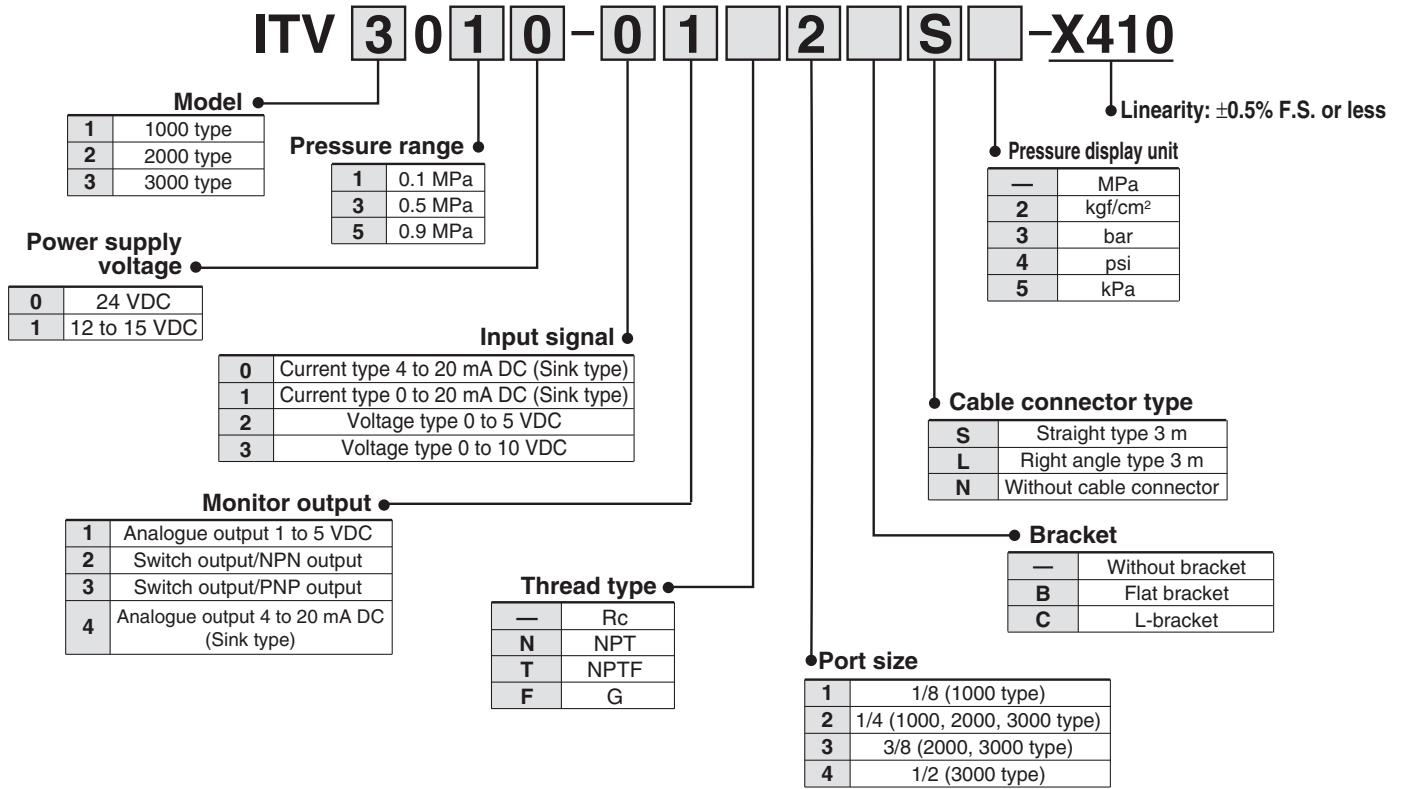
Series ITV1000/2000/3000

Made to Order Specifications 2

Please contact SMC for detailed dimensions, specifications and lead times.

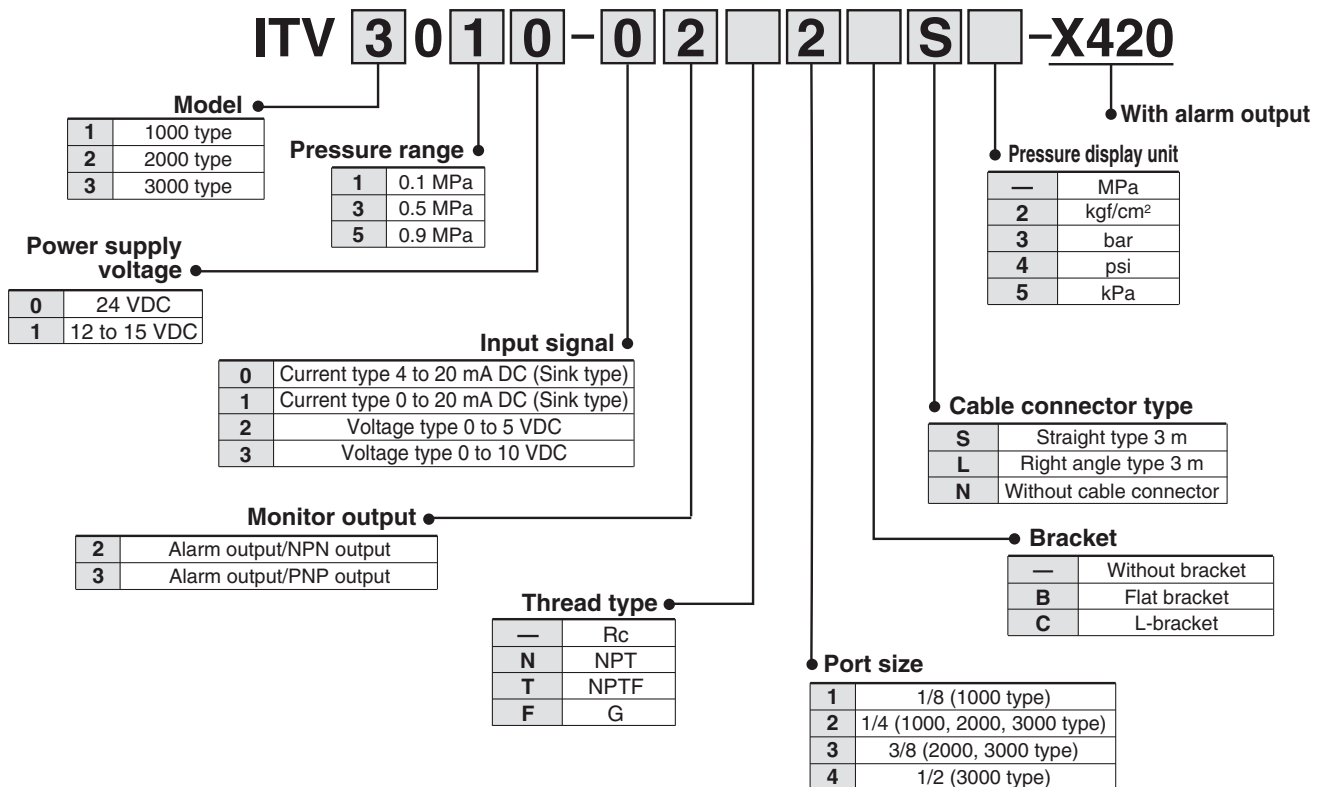


5 Linearity: ±0.5% F.S. or less



6 With Alarm Output

Alarm is output if the set pressure is not reached or maintained for 5 seconds or more.



Made to Order Specifications 3

Please contact SMC for detailed dimensions, specifications and lead times.



7 High-Speed Response Time Type

Pressure response with no load is approx. 0.1 sec.

ITV 2 0 1 0 - 0 1 [] 2 [] S [] - X88

Model

1	1000 type
2	2000 type

Pressure range

1	0.1 MPa
3	0.5 MPa
5	0.9 MPa

Power supply voltage

0	24 VDC
1	12 to 15 VDC

Input signal

0	Current type 4 to 20 mA DC (Sink type)
1	Current type 0 to 20 mA DC (Sink type)
2	Voltage type 0 to 5 VDC
3	Voltage type 0 to 10 VDC

Monitor output

1	Analogue output 1 to 5 VDC
2	Switch output/NPN output
3	Switch output/PNP output
4	Analogue output 4 to 20 mA DC (sink type)

Thread type

—	Rc
N	NPT
T	NPTF
F	G

Pressure display unit

—	MPa
2*	kgf/cm ²
3	bar
4*	psi
5	kPa

* Under Japan's new Measurement Act, this is only for overseas sales (SI units are to be used inside Japan).

Cable connector type

S	Straight type 3 m
L	Right angle type 3 m
N	Without cable connector

Bracket

—	Without bracket
B	Flat bracket
C	L-bracket

Port size

1	1/8 (1000 type)
2	1/4 (1000, 2000 type)
3	3/8 (2000 type)

8 Manifold Specifications (Except Series ITV3000)

2 through 8 station manifold.

How to Order Manifolds

IITV20 - [] 02 - 5

ITV1000, 2000

Connection thread type

—	PT
N	NPT
F	PF

Stations

2	2 stations
...	...
8	8 stations

OUT port size

02	1/4
03	3/8

How to Order Manifold Mounted

ITV 1 0 [] [] - [] [] 1 [] [] - X26
 ITV 2 0 [] [] - [] [] 2 [] [] - X26

- Note 1) [] in part number is the same model no. for the standard products.
- Note 2) For communication models, consult SMC for availability.
- Note 3) The thread type is Rc only.
- Note 4) For Series ITV1000, the port size is 1/8 only.
- Note 5) For Series ITV2000, the port size is 1/4 only.
- Note 6) The bracket accessory can not be selected.
- Note 7) Not applicable to Series ITV3000

IITV20-02-31 set (3 station manifold base part no.)
 *ITV1030-311S-X261 set (Electro-pneumatic regulator part no.) Note 2)
 *P398020-131 set (Blanking plate assembly part no.)
 *ITV2050-212S-X261 set (Electro-pneumatic regulator part no.) Note 2)

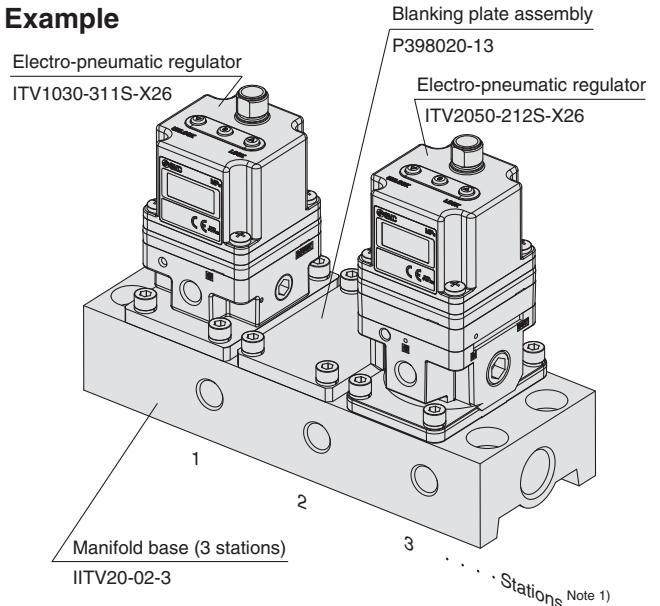
→ The * is the symbol for mounting. Add the * symbol at the beginning of part numbers for electro-pneumatic regulators, etc. to be mounted on the base.

Note) Refer to the table below for possible mixed combination.

Model	ITV101[]	ITV103[]	ITV105[]	ITV201[]	ITV203[]	ITV205[]
ITV101[]	●	—	—	●	—	—
ITV103[]	—	●	●	—	●	●
ITV105[]	—	●	●	—	●	●
ITV201[]	●	—	—	●	—	—
ITV203[]	—	●	●	—	●	●
ITV205[]	—	●	●	—	●	●

How to Order Manifold Assemblies

Example



- Note 1) Electro-pneumatic regulators are counted starting from station 1 on the left side with the OUT ports in front.
- Note 2) The port size for mounted electro-pneumatic regulators is Rc 1/8 (ITV1000), Rc 1/4 (ITV2000) only.
- Note 3) When there is a large number of stations, use piping with the largest possible inside diameter for the supply side, such as steel piping.
- Note 4) The use of the straight type cable connector is recommended. To mount right angle type, be certain to check that no possible interference occurs.
- Note 5) When mounting a blanking plate and the regulator with different pressure set, please inform SMC of the order of a manifold station beside a purchase order.