

Electronic Vacuum Regulator

ITV2090/2091 Series



How to Order

ITV 209 0 - 0 1 2 S 5

● **Pressure range**

9	-1.3 to -80 kPa
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● **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.

● **Pressure display unit**

5	kPa
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 Note) For the communication models, CC, DE, PR and RC, only "Nil" 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) Even when a cable connector is selected, communication cable is not included in the communication models, CC, DE and PR. Please order it separately. Refer to the below. For 10 bit digital input, right angle type cannot be selected.

● **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	Analog output 1 to 5 VDC
2	Switch output/NPN output
3	Switch output/PNP output
4	Analog output 4 to 20 mA DC (Sink type)
Nil	None

● **Bracket ***

Nil	Without bracket
B	Flat bracket
C	L-bracket

* Bracket is included.

● **Port size**

2	1/4
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● **Thread type**

Nil	Rc
N	NPT
T	NPTF
F	G

For communications cables, use the parts listed below (refer to M8/M12 connector in Best Pneumatics No.1-1 for details) or order the product certified for the respective protocol (with M12 connector) separately.

Application	Communication cable part number	Note
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)	

ARJ
 AR425 to 935
 ARX
 AMR
 ARM
 ARP
 IR□-A
 IR
 IRV
 VEX
 SRH
 SRP
 SRF
 ITV
 IC
 ITVH
 ITVX
 PVQ
 VY1
 VBA
 VBAT
 AP100