



Contact our sales office for delivery dates and prices as this is a special model.



P.G.Information (Specialized Product)

SP104X-015E
P: SO

Vacuum Regulator / IRV20 Series

Special options usable for various applications

SMC CORPORATION
4-14-1, SOTO-KANDA,
CHIYODA-KU,
TOKYO 101-0021, JAPAN
URL: <http://www.smcworld.com>

**Feature : This is an introduction for special options
which may be used for various applications.**

Table.1 List of Special options

	Special option	Description				Connections	
		Female connections	Mounting interchangeability with IRV3000	Gauge port Rc1/8 (only one side)	Female connections with rotation stop	Standard connections	Single Sided connections
IRV 20	X3	●	—	—	—	●	●
	X4	—	●	—	—	●	●
	X7	—	—	●	—	●	●
	X8	●	●	—	—	●	—
	X11	●	—	●	—	●	●
	X24	●	●	●	—	●	—
	X28	—	—	—	●	●	—
	X33	—	●	—	●	●	—

Specifications :

Fluid	Air
Set pressure range	-100 ~ -1.3kPa
Withstand pressure	100kPa (Except with pressure gauge)
Ambient and Fluid temperature	5 ~ 60°C

How to Order:

◆ Female connections

IRV 20 [] - [] **02** [] [] - []

Body size

20	Max. flow 240ℓ/min (ANR)
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Connections

Nil	Standard connections
A	Single sided connections

Thread type ^{Note1)}

Nil	Rc
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Note1) For the special option "-X3", N (NPT thread) and F (G thread) are available.

Port size

Symbol	Port size	IRV20	IRV20A
02	1/4"	●	●
03	3/8"	●	●
04	1/2"	●	—

Made to Order

See Table.1: List of special options for details.

Accessory 2

Nil	None ^{Note1)}		
G	With pressure gauge ^{Note2) Note3)} (IRV20: GZ43-K-01)		
ZN	With digital pressure switch ^{Note3)}	NPN open collector 1 output	With ZSE30A-01-N-ML
ZP		PNP open collector 1 output	With ZSE30A-01-P-ML
ZA		NPN open collector 2 output	With ZSE30A-01-A-ML
ZB		PNP open collector 2 output	With ZSE30A-01-B-ML

Note1) Plug nut is mounted on the gauge port. When the Rc1/8 port is required, please order the optional gauge nut assembly P601010-18 separately.
 Note2) Pressure gauge accuracy : Within ±3% of full scale.
 Note3) Accessories are included in the same container.

Accessory 1 ^{Note1)}

Symbol	Content	X3	X8	X11	X24	X28	X33
Nil	None	●	●	●	●	●	●
B	With bracket	●	●	●	●	●	●
L	With bottom bracket	●	—	●	—	—	—

Note1) Accessories are included in the same container.

◆ Built-in One-touch fittings

IRV 20 [] - [] **C08** [] [] - []

Body size

20	Max. flow 240ℓ/min (ANR)
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Connections

Nil	Standard connections
A	Single sided connections

Fittings

Nil	Straight
L	Elbow

Tube O.D.

Symbol	Tube O.D.	IRV20	IRV20A
C06	Metric	φ6	●
C08		φ8	●
C10		φ10	●
N07	Inch	φ 1/4"	●
N09		φ 5/16"	●
N11		φ 3/8"	●

Made to Order

See Table.1: List of special options for details.

Accessory 2

Nil	None ^{Note1)}		
G	With pressure gauge ^{Note2) Note3)} (IRV20: GZ43-K-01)		
ZN	With digital pressure switch ^{Note3)}	NPN open collector 1 output	With ZSE30A-01-N-ML
ZP		PNP open collector 1 output	With ZSE30A-01-P-ML
ZA		NPN open collector 2 output	With ZSE30A-01-A-ML
ZB		PNP open collector 2 output	With ZSE30A-01-B-ML

Note1) Plug nut is mounted on the gauge port. When the Rc1/8 port is required, please order the optional gauge nut assembly P601010-18 separately.
 Note2) Pressure gauge accuracy : Within ±3% of full scale.
 Note3) Accessories are included in the same container.

Accessory 1 ^{Note1)}

Symbol	Content	X4	X7
Nil	None	●	●
B	With bracket	●	●
L	With bottom bracket	—	●

Note1) Accessories are included in the same container.