

HORIBA STEC, CO., LTD.

Model	GR-312F
Valve type	Normal close
Leak integrity	$5 \times 10^{-12} \text{Pa} \cdot \text{m}^3/\text{sec}$
Maximum primary pressure	250kPa(A)
Pressure resistance	300kPa(A)
Operating temperature	5°C~50°C (recommended temperature range: 15~40°C)
Power supply	+15V \pm 5% 150mA -15V \pm 5% 150mA
Digital interface	RS485 F-Net
Gas *1	He, Ar, N2
Standard fittings	1/4inch VCR or equivalent
Pressure full scale	13.33kPa(A) (100Torr)
Pressure control range	1~100%
Pressure accuracy	$\pm 0.5\%$ F.S.
Response	1sec or less(in an adjustment condition)
Pressure rate output signal	0~10VDC
Flow full scale *1	20, 50, 100SCCM
Flow accuracy *2	$\pm 1.0\%$ R.S.(Flow rate $>25\%$ F.S.) $\pm 0.25\%$ F.S.(Flow rate $\leq 25\%$ F.S.)
Flow rate output signal	0~5VDC
Mounting orientation	Free

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Pressure rate output signal	0 ~ 10VDC
Mounting orientation	Free

Pin No.	Signal Name
1	Digital signal common
2	Digital signal common
3	N.C. *1
4	Serial output(-)
5	Serial output(+)
6	N.C. *1
7	N.C. *1
8	N.C. *1

11-5 Hokotate-cho, Kamitoba, Minami-ku, Kyoto 601-8116 Japan
<https://www.horiba.com/int/semiconductor/>