

Oct., 16 2012

To:

Advanced Automation Company
Azbil Corporation
1-12-2 Kawana, Fujisawa-shi
Kanagawa, JAPAN 251-8522

Dear a customer,

Conditions:

Fluid gas	Ethylen (C ₂ H ₄) 100 %
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Answers:

Type of a mass flow meter	CMS9500***N2*0**0 CMS Series SUS/SUS316 Gas Mass Flowmeter
Material compatibility	Good
C.F. (conversion factor)	0.549 (estimated value)
Maximum measured flow rate	275 mL/min
Resolution	1 mL/min

Cautions:

(1) Our C.F. is estimated by experimental data with actual gasses and theoretical methods based on forced convection heat transfer mechanism. But, because our flow meter does not follow the theoretical property precisely, the estimated value may be incorrect.

The guarantee of accuracy of the specification does not apply to the C.F values.

Note that the C.F value for ethylen gas may contain big error because we do not have experimental data for ethylen gas,

It is recommended that the customers should check the accuracy of the flowrate by themselves before use if required..

(2) Maximum measured flow rate is changed according to C.F.

(3) The user of the flow meter should select the gas type and set the proper C.F.
The settings of newly shipped products are the default value.