



## HØJ TEMPERATUR, ULTRA HØJ RENHED, KOMPAKT, LABORATORIUM, VAPOR, SEMICONDUCTOR

Metaltætnet Mass Flow Controller og Meter -

MFC/MFM - GF120XHF Serien

GF120XHT

50 Sccm - 100 Nlpm



- Max Temperatur: 150°C
- Nøjagtighed: +/- 1%
- Flowområde: 50 sccm - 100 nlpm
- Fås både med Analog og Digital kommunikation
- Max tryk: 34 Barg

### PRODUKTBESKRIVELSE

#### GF120xHT-serien

Metaltætnet højtemperatur-termiske masseflowkontrollere og -målere Højren flow. Enestående ydeevne og pålidelighed til højtemperaturapplikationer.

GF120xHT højtemperatur-masseflowkontrollere (MFC'er) og målere (MFM) er designet til at styre og måle masseflowet af damp, flydende eller faste kilder. For at understøtte den stigende anvendelse af disse forløbere i halvlederfremstillingsprocesser.

Flowmodulet på GF120xHT kan modstå driftsmiljøer på op til 150°C. For at understøtte dette temperaturområde er elektronikken tilsluttet fjernbetjening til resten af enheden og monteret på et sted med lavere temperatur (maks. 50°C).

Den fjernstyrede elektronik kan monteres med en DIN-montering med valg af tre forskellige kabellængder til forbindelse - standard 3 ft, 8 ft og 16,5 ft. Det brede udvalg af kommunikationsprotokoller og monteringsmuligheder gør GF120xHT til et ideelt valg til næste generations procesudstyr og opgradering til ældre opvarmede MFC'er.

#### Applikationer

- Advanced Strip Processes
- Atomic Layer Deposition (ALD)
- Deposition

#### Fordele

- Understøtter applikationer op til 150°C for levering af flydende forløberdamp.
- Brugervenligt diagnoseinterface understøtter procesingeniør i at sikre, at MFC'en opererer inden for de specifiserede grænser for høj udbytte og maksimal oppetid.
- Tilbyder uovertruffen langvarig sensorstabilitet for maksimal gennemløb og udbytte.
- Kalibreret ved kundens driftstemperatur og tryk for optimal ydeevne.

## Electrical Interface Options

### Base I/O Options



EtherCAT diagnostic port communication via micro-GS



EtherCAT diagnostic port communication via micro-GS



EtherCAT diagnostic port communication via micro-GS



EtherCAT diagnostic port communication via micro-GS



EtherCAT diagnostic port communication via micro-GS



EtherCAT diagnostic port communication via micro-GS



EtherCAT diagnostic port communication via 2.5mm jack

Above Base I/O options include:  
Diagnostic port communication RS485 via 2.5mm jack

### Adapter Cables with Base I/O Option

### DEVICENET

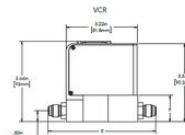


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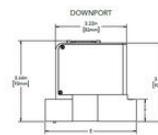
ETHERCAT



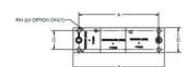
ETHERCAT



VCR



DOWNPORT



Plating Option Code	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F
VI	84mm [3.30in]	93mm [3.66in]	16mm [0.77in]	88mm [3.46in]	134mm [5.28in]	21mm [1.12in]
CI	84mm [3.30in]	105mm [4.13in]	22mm [0.86in]	98mm [3.86in]	156mm [6.14in]	25mm [1.00in]
WI	93mm [3.66in]	105mm [4.13in]	22mm [0.86in]	98mm [3.86in]	156mm [6.14in]	25mm [1.00in]
RI	84mm [3.30in]	105mm [4.13in]	30mm [1.18in]	88mm [3.46in]	156mm [6.14in]	25mm [1.00in]
LX	93mm [3.66in]	105mm [4.13in]	22mm [0.86in]	98mm [3.86in]	156mm [6.14in]	25mm [1.00in]

### ANALOG/RS485 MODEL CODE OPTION: G1/GX



### ANALOG/RS485 with VTP MODEL CODE OPTION: SX



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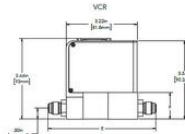
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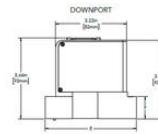


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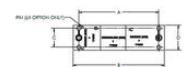
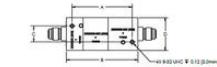
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### ANALOG/RS485 with VTP MODEL CODE OPTION: SX

