



**Designer and manufacturer of
Flow sensors and controllers**

 ***Breezens***[®]

Accurate, Fast and Reliable



Accurate, Fast and Reliable

GP MFM

General Purpose
Mass Flow Meter



Measurement Range

0 ... 10,20,50,100,200,500 (sccm)
0 ... 1,2,5,10,20,50 (slm)
Other ranges up to 50slm By Order



Operating Pressure

1 ... 4 (bar)
0.2 ... 8 (bar) By Order



Operating Gas

Air, N₂, H₂, Ar, O₂
Other Gases By Order



GP MFM

General Purpose
Mass Flow Meter



Power Consumption

توان مصرفی
< 2.8 (Watt)



Signal In & Out

سیگنال ورودی و خروجی
0 ... 5 (Volt)
4 ... 20 (mA)



Electrical Connection

اتصال الکتریکی
DB9 (male)



Resolution

رزولوشن
500



Measurement Range

بازه اندازه‌گیری
0 ... 10,20,50,100,200,500 (sccm)
0 ... 1,2,5,10,20,50 (slm)
Other ranges up to 50slm By Order



Accuracy

دقت اندازه‌گیری
< ±1.5% (FS)
< ±1% (FS) By Order



Response Time

پاسخ زمانی
1.5 ... 2.5 (second)
1 ... 1.5 (second) By Order



Turndown

بازه مفید عملکردی
1 : 50



Operating Gas

گاز کاری
Air, N₂, H₂, Ar, O₂
Other Gases By Order



Operating Pressure

فشار کاری
1 ... 4 (bar)
0.2 ... 8 (bar) By Order



Operating Temperature

دمای کاری
0 ... +50 (°C)
-5 ... +60 (°C) By Order



Warm-up time

زمان آمادگی به کار
< 45 (Minute)



Material

جنس مواد بدنه
Body: Stainless Steel 304



Mechanical Fitting

اتصالات مکانیکی
NPT – ¼"
Ferrule – ¼"
Other By Order



Seals

عایق بندی
NBR
Viton, Epdm by order



Power Supply

ولتاژ تغذیه
20 ... 25 (Volt)



Sales Office: Unit 4, No. 41, Ramsar St.,
Enghelab St., Ferdowsi Sq., Tehran



+98 21 885 947 21
+98 21 885 947 23
+98 912 08 07 231



www.breezens.com
sales@breezens.com