



GF100 TÖMEGÁRAM SZABÁLYZÓ

Széria GF80, GF81, GF100, GF101, GF120,
GF120XSL, GF120XSD, GF121, GF125, GF126,
GF135

GF120

- Minden típusú gázhoz 34 bar-ig max. 50 ° C-ig
- 0,003–36 000 l / perc tartomány
- Teljes körű áramlási területek 300 sl / percig (ref. N2)
- 0-10V, 4-20 mA kimenet
- Nagy pontosság, stabilitás és válaszidő



TERMÉKLEÍRÁS

A Brooks GF-100-120-125 termikus tömegáramlás-szabályozó/tömegárammérő a legtöbb alkalmazásra felhasználható, amikor bármilyen típusú gázok mérésére és szabályozására van szükség.

Megrendelésével és bővebb felvilágosításért forduljon Bjarne Österberghez a bjarne.osterberg@oemautomatic.se e-mail címen vagy a +46 075 242 4251-es telefonszámon.

Model Code		
Code Description	Code Option	Option Description
I. Base Model Code	GF40 GF80	Elastomer / Range Flow (0-50 slpm) Metal / Range Flow (0-50 slpm)
II. Configurability	C X	Multiflo Capable. Standard Bins or specific gas range may be selected Not Multiflo Capable. Specific gasrange required
III. Special Application	XX	Standard
IV. Valve Configuration	C O M	Normally Closed Valve Normally Open Valve (GF40 only) Meter (No Valve)
V. Multiflo Bin & Range or Gas & Range (Standard)	XXXX XXXX SA40 010L SA41 030C SA42 092C SA43 280C SA44 860C SA45 2-4L SA46 7-2L SA47 D15L SA48 010L SA50 050L	Specific Gas Code & Range, example: "0004" = Argon and "010L" = 10 slpm Standard Configuration #40, 7-10 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #41, 11-30 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #42, 31-92 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #43, 93-280 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #44, 281-860 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #45, 861-2600 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #46, 2601-7200 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #47, 7201-15000 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #48, 15001-10000 sccm N2 Eq. @ 0 deg C Ref Temp. Standard Configuration #50, 30001-10000 sccm N2 Eq. @ 0 deg C Ref Temp.
VI. Fitting	XX CX T1 T2 T3 T4 T6 T8 B2 VX O2 N2	9/16" - 18 UNF (GF40 Only) 1-1/8" C Seal 9/2mm (GF80 Only) 1/8" tube compression (GF40 Only) 1/4" tube compression (GF40 Only) 3/8" tube compression (GF40 Only) 1/2" tube compression (GF40 Only) 6 mm tube compression (GF40 Only) 10 mm tube compression (GF40 Only) 1/4" RC (GS9) (GF40 Only) 1/4" VCR (GF40, GF80) 1/4" VCO (GF40 Only) 1/8" NPT (GF40 Only)
VII. Downstream Condition	A V P	Atmosphere Vacuum Positive Pressure
VIII. External Seals, Valve Seat	B F K N V M Z	Seal Buna / Seat Buna (GF40 Only) Seal EPDM / Seat EPDM (GF40 Only) Seal Kalrez / Seat Kalrez (GF40 Only) Seal Neoprene / Seat Neoprene (GF40 Only) Seal Viton / Seat Viton (GF40 Only) Seal Metal / Seat PEEK (GF40 Only) Seal Nickel / Seat Kalrez (GF80 Only)
IX. Communications / Connector	PS PS PS ES DS S5 S1 S0 S4 L5 L1 L0 L4 A5 A3 A0 A4	Profibus / Analog Input 0-5 V; Output 0-5 V; 9-Pin Female D conn. / 15-Pin Male D conn. Profibus / Analog Input 0-20 mA; Output 0-20 mA; 9-Pin Female D conn. / 15-Pin Male D conn. Profibus / Analog Input 4-20 mA; Output 4-20 mA; 9-Pin Female D conn. / 15-Pin Male D conn. EtherCAT / Output 0-5 V; 24VDC signal 2-Pin power DeviceNet / Analog (Output 0-5 V); 5-Pin micro signal and power / 3-Pin analog signal RS485 (S-Protocol)/Analog Input 0-5 V; Output 0-5 V; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (S-Protocol)/Analog Input 0-10 V; Output 0-10 V; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (S-Protocol)/Analog Input 0-20 mA; Output 0-20 mA; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (S-Protocol)/Analog Input 4-20 mA; Output 4-20 mA; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (L-Protocol)/Analog Input 0-5 V; Output 0-5 V; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (L-Protocol)/Analog Input 0-10 V; Output 0-10 V; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (L-Protocol)/Analog Input 0-20 mA; Output 0-20 mA; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (L-Protocol)/Analog Input 4-20 mA; Output 4-20 mA; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (A-Protocol)/Analog Input 0-5 V; Output 0-5 V; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (A-Protocol)/Analog Input 0-10 V; Output 0-10 V; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (A-Protocol)/Analog Input 0-20 mA; Output 0-20 mA; 15-Pin Male D (Pin alignment with Brooks SLA S0) RS485 (A-Protocol)/Analog Input 4-20 mA; Output 4-20 mA; 15-Pin Male D (Pin alignment with Brooks SLA S0)
X. Customer Special Request	XXXX	Customer Special Request Number
XI. Auto Shut-Off (Included)	A X	Auto Shut-Off (Included) Auto Shut-Off (Not Included)
XII. Auto Zero	A X	Auto Zero (Included) Auto Zero (Not Included)
XIII. Reference Temperature	DDC 15C 20C 70F	0°C Reference 15°C Reference 20°C Reference 21.1°C Reference / 70°F Reference

Example Model Code												
I	II	III	IV		V	VI	VII	VIII	IX	X	XI	XII
GF40	C	XX	C	-	0011300C	-	T2	A	V	PS	-	XXXX X A - 20C

MŰSZAKI ADATOK

Közeghőmérséklet eddig:	50 °C
Nyomástartomány max. értéke	34,5 bar
Válaszidő	<1 s