BGF Application Guide

Rev 01/19/22

General Information

Contact Name:_____

Company Name:_____

Phone:_____

Email:_____

Quote Number (if already quoted):_____

Date:_____

Part Number:_____

Calibrated Range:_____

Number of Pieces Required:_____

☐ **This has not been quoted yet and pricing is required.**

Design Conditions

Accurate design pressure and temperature are essential to ensure the flowmeter will be built to operate without damage. Please fill out accurately and completely.

1. Pressure: Maximum _____ PSIG
2. Temperature: Maximum _____ °F

Calibration Conditions for Liquid Flow Applications

1. Type of Liquid: _____
2. Normal Operating Temperature: _____ °F
3. Viscosity at Normal Operating Temperature: _____
4. Specific Gravity (at Normal Operating Temp): _____
5. Desired Measuring Range and Units: _____

Note: Items 3 & 4 not required for water flow

Calibration Conditions for Gas Flow Applications

1. Type of Gas: _____
2. Normal Operating Temperature: _____ °F
3. Normal Pressure at Outlet Fitting: _____ PSIG
4. Viscosity at Normal Operating Temp: _____
5. Specific Gravity (required for gas mixtures): _____
6. Desired Measuring Range and Units:_____

Note: The calibration pressure required is the pressure that the meter sees at its outlet fitting.

Measuring Tube Options

1. Measuring Tube Material: ☐ 316 Stainless Steel ☐ PTFE Lined Stainless Steel ☐ Other (specify): _____
2. Desired Fitting Size: ☐ 1/2" ☐ 3/4" ☐ 1" ☐ 1-1/2" ☐ 2" ☐ 3"
3. Fitting Type: ☐ NPT Thread (2" max) ☐ 150 LB ANSI Flange ☐ 300 LB ANSI Flange ☐ Other (specify): _____
4. Magnet Bearer: ☐ PP ☐ PTFE ☐ Stainless Steel
5. Flow Direction: ☐ Top to Bottom ☐ Left to Right ☐ Right to Left ☐ Bottom to Top
6. Heating/Cooling Jacket: ☐ Without ☐ 1/2" NPT Connections ☐ 1/2" 150 lb. ANSI Connections

7. Certificates: ☐ without Cert. ☐ Cert. of Compliance 2.1 ☐ Cert. of Compliance 2.2
☐ Inspection Cert. with Material Cert. 3.1 ☐ Inspection Cert. with Material Cert. 3.2

Indicator/Electronic Options

1. Display Housing: ☐ Aluminum ☐ High Temperature Aluminum (390 °F) ☐ Stainless Steel
☐ High Temperature Stainless Steel (390 °F) ☐ Aluminum with Pressure Compenstation
☐ High Temperature Aluminum (390 °F) with Pressure Compensation

2. Scale: ☐ % Scale Water ☐ Measuring Range Water ☐ % Scale Media
☐ Measuring Range Media ☐ Dual Scale (specify): _____

3. Electrical Output: ☐ without ☐ 1x Inductive Switch ☐ 2x Inductive Switches ☐ 1x Micro-switch
☐ 2x Micro-switches ☐ 4-20mA Transmitter with HART®
☐ 4-20mA Transmitter with HART® & 2x NAMUR Switches
☐ 4-20mA Transmitter with HART® & 1x NAMUR Switch & Pulse Output
☐ 4-20mA Transmitter with Profibus® PA
☐ 4-20mA Transmitter with Fieldbus® Foundation™

Special Requirements or Additional Considerations:

**Once completed, please save and email this form to your KOBOLD contact or info@koboldusa.com, or fax to 412-788-4890.*