



Customer Name: _____

Company Name: _____

Phone: _____ Fax: _____

E-mail: _____

BGN Armored Variable Area Flowmeter Application Guide

Rev 12/2015 FAX to: KOBOLD Instruments Inc.
Page 1 of 2 +1.412.788.4890 (USA) | +1.514.428.8899 (Canada)

Quotation #: _____ Date: _____ Price: _____ Each

Part Number: _____

Calibrated Measuring Range: _____

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. Specific Gravity (required for gas mixtures): _____
- 5. 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 Hastelloy C-22
 Other (specify): _____
- 2. Desired Fitting Size: 1/2" 3/4" 1" 1-1/2" 2" 3" 4" 5" 6"
- 3. Fitting Type: NPT Thread (2" max) 150 LB ANSI Flange 300 LB ANSI Flange
 Other (specify): _____
- 4. Heating/Cooling Jacket: None 1/2" NPT Connections 1/2" 150 lb. ANSI Connections
 Other Connections (specify): _____
- 5. Draining Body: without with Self Draining Body
- 6. 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

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Indicator/Electronic Options

1. Display Housing: Aluminum High Temperature Aluminum (660 °F) Stainless Steel
 High Temperature Stainless Steel (660 °F) Aluminum with Pressure Compensation
 High Temperature Aluminum 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 HART® & Digital Totalizer
 4-20mA Transmitter with Fieldbus® Foundation™

Special Requirements (specify in writing):
