



# BGK Application Guide

Rev 10/23/19

## 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. Normal Operating Pressure: \_\_\_\_\_
4. Spec. Gravity (at Norm. Op. Temp): \_\_\_\_\_
5. Viscosity (at Norm. Op. Temp): \_\_\_\_\_
6. Desired Measuring Range and Units: \_\_\_\_\_

## 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.

## Specifications:

- |                |                          |                          |                        |
|----------------|--------------------------|--------------------------|------------------------|
| 1. Connection: | 1/2" ANSI Flange, 150 lb | 3/4" ANSI Flange, 150 lb | 1" ANSI Flange, 150 lb |
|                | 1/2" ANSI Flange, 300 lb | 3/4" ANSI Flange, 300 lb | 1" ANSI Flange, 300 lb |

- |           |                          |                           |              |               |
|-----------|--------------------------|---------------------------|--------------|---------------|
| 2. Scale: | % Scale H <sub>2</sub> O | MR Scale H <sub>2</sub> O | MR Scale Air | % Scale Media |
|           | MR Scale Media           | Dual Scale: Specify _____ |              |               |

- |              |   |  |                      |
|--------------|---|--|----------------------|
| 3. Contacts: | None  | 1 Inductive Contact                      | 2 Inductive Contacts |
|              | 1 Inductive Contact Acc. to Safety Standard | 4-20 mA Transmitter without HART®, EX ib |                      |

## Special Requirements or Additional Considerations: