



DW Application Guide

Rev 09/12/18

General Information

Contact Name: _____

Date: _____

Company Name: _____

Part Number: _____

Phone: _____

Number of Pieces Required: _____

Email: _____

Quote Number (if already quoted): _____

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. Maximum Pressure: _____ PSIG

2. Maximum Temperature: _____ °F

Calibration Conditions

Accurate calibration conditions are required to ensure that the flowmeter will be factory calibrated to give accurate readings at the user's normal operating conditions.

Conditions for Liquid Flow Applications

1. Type of Liquid: _____

2. Normal Operating Temperature: _____ °F

3. Viscosity at Normal Operating Temp: _____

4. Specific Gravity at Normal Operating Temp: _____

5. Normal Operating Pressure: _____ PSIG

Note: Items 3 & 4 not required for water flow.

Desired Flow Range and Measuring Units

The DW series allows you to choose either the maximum or minimum measuring range value from the Min. and Max. ranges listed in the datasheets. Once chosen, the meter will have a max/min ratio of 5:1 for pipe sizes 2" and smaller and 4:1 for pipe sizes above 2".

Desired Flow Range: _____

Desired Measuring Units: _____

Build Specifications:

1. Material Combination: 316 SS Bellows/Brass Paddle/Brass Body/Steel Flanges (for Flanged or Weld-on Units)

316 SS Bellows/303 SS Paddle/316 SS Body/316 SS Flanges (for Flanged or Weld-on Units)

2. Line Size: _____

3. Fitting: NPT Thread (Lines 2" and Smaller) 150lb ANSI (Lines 2" and Smaller) Weld-on Insertion Paddle (1-1/2" to 24" Lines)

4. Flow Direction: Right to Left Left to Right Bottom to Top Top to Bottom

5. Location of the Dial (for Vertical Flow Only): Dial on the Right Dial on the Left

Options: 4-20 mA Transmitter w LCD Display (Optional Relays) 4-20 mA Transmitter with LCD Display, 2 Setpoint Relays

230 PSIG Service Pressure Rating Gold Plated Contacts 24 VDC Power for Indication Light

110 VAC Power for Indication Light 220 VAC Power for Indication Light

Other Options / Custom Configurations / Special Requirements:

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