RCD Application Guide

Rev 09/18/18

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. 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.

Flowmeter Options

1. Body Material: ☐ Brass with NBR Seal ☐ 316L SS with FKM Seal
2. NPT Fitting Size: ☐ 1/2" ☐ 3/4" ☐ 1" ☐ 1-1/2" ☐ 2" ☐ 3"
3. Flow Direction: ☐ Left to Right ☐ Right to Left ☐ Flow Up, Dial on the Right ☐ Flow Up, Dial on the Left ☐ Flow Down, Dial on the Right ☐ Flow Down, Dial on the Left

Indicator Options

1. ☐ RCD-Z Mechanical Indicator
2. ☐ RCD-C Compact Electronics: ☐ 2 PNP Switches ☐ 2 NPN Switches ☐ 4-20 mA, 1 PNP ☐ 4-20 mA, 1 NPN
3. ☐ RCD-K Digital Display/Controller

   Input Power: ☐ 100-240 VAC/VDC ☐ 18-30 VAC/10-40

   Output: ☐ None ☐ 4-20 mA

Special Requirements or Additional Considerations: