



**DON Series Flowmeters
Application Guide**

Rev 04/2017

FAX to:

Industrial Process Measurement Inc.
732-632-6064 (USA)

Customer Name: _____

Company Name: _____

Phone: _____

Fax: _____

E-mail: _____

Process Design Conditions

1. Pressure: Maximum _____ PSIG

2. Temperature: Maximum _____ °F

Note:

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

Process Operating Conditions

1. Type of Liquid: _____

2. Normal Operating Temperature: _____ °F

3. Normal Operating Pressure: _____ PSIG

4. Desired Measuring Range: _____ GPH LPH GPM LPM

5. Maximum Liquid Viscosity: _____

6. Piping Size: _____

Body/Rotor Material

Aluminum/PPS

Stainless Steel/Stainless Steel

Stainless Steel/PPS

Connection

NPT Thread

150lb ANSI Flange

Other (specify) _____

O-ring Material

FKM (standard)

FEP-Coated EPDM

NBR

Electronic/Display

R0 = Reed Switch

K0 = High Res. Hall x2

Z1 = Dual Totalizer LCD

ZB = Rate Totalizer w/o Supply

RE = Reed Switch, ATEX

KE = High Res. Hall x2, ATEX

Z2 = Batch Totalizer LCD

E1 = Z1 + ATEX/IECEX (Exi)

H0 = Hall/Reed Sensor

G0 = High Res. Hall x4

Z3 = Rate Totalizer, LCD

E2 = Z2 + ATEX/IECEX (Exi)

HE = Hall/Reed Sensor ATEX

GE = High Res. Hall x4, ATEX

Z6 = Z1 + B0

E3 = Z3 + ATEX/IECEX (Exi)

HU = NPN Pulse

D0 = Quad Hall

Z7 = Z3 + B0

E4 = E3 + HART

B0 = Pulsating Flow

DE = Quad Hall ATEX

Z8 = Z1 + D0

E5 = E3 + Outputs + 4-20 mA

BE = Pulsating Flow ATEX

L0 = 4-20 mA, 2-wire

Z9 = Z3 + D0

M4 = Mechanical Totalizer

T0 = Hall Sensor High Temp

LE = 4-20 mA, 2-wire, ATEX

ZE = Rate Totalizer w/Supply

Other = _____

Cable Entry (not for electronic/display code M4)

M = M20

N = 1/2" NPT

S = M20 with Cooling Fin

T = 1/2" NPT with Cooling Fin

Options

0 = Without Options

Y = High-viscosity Rotors

Y = Check Valve (from DON-x30..)

Flow Direction

Vertical Up

Vertical Down

Horizontal to the Left

Horizontal to the Right

Special requirement, specify: _____