

Application Information Form Mass Flow

Name: _____

Date: _____

Company: _____

Tel. No: _____

E-mail: _____

Fax : _____

Fluid Data & Operating Conditions

Liquid : _____

Name : _____

Gas : _____

Chemical Formula :

Minimum	Normal	Maximum	Units
Flow rate :	_____	_____	_____
Density :	_____	_____	_____
Viscosity :	_____	_____	_____
Operating Temperature :	_____	_____	_____
Operating Pressure :	_____	_____	_____
Ambient Temperature :	_____	_____	_____
Molecular Weight (for gases) :	_____	_____	_____

Cp/Cv : _____

Compressibility factor : _____

Design Pressure : _____

Design Temperature : _____

Accuracy Required : _____

Prime Measurement: Mass Volume Density Concentration

Does fluid contain solid particles? No Yes _____% Size : _____

Particle name : _____

Abrasiveness : Low Medium High

Does fluid contain entrained gas/air? No Yes _____% by volume

Does fluid contain moisture/droplets? No Yes _____% by volume

Application Information Form Mass Flow

Flow: Continuous Pulsing Batching

Pulse frequency : _____ Batch Size : _____

CIP/ SIP processes? No Yes

Please describe: _____

Sensor Requirements

Preferred wetted material : _____

Line Size : _____ Preferred connection : _____

Approvals required : 3A ASME-BPE EHEDG
 PED CRN

Hazardous Area Please specify : _____

Custody Transfer Please specify : _____

Options : Heating Jacket Heating Jacket with drain/vent
 Purge Ports Insulating Case

Transmitter Requirements

MFC300 with display : MFC010 Modbus DDC :

Mounting: Compact Remote - Field Remote - Wall Remote – 19” Rack

Cable length : _____

Supply voltage : 100..240VAC 12..24VDC 24VACDC

Outputs :	Quantity	Active	Passive	NAMUR	I.S.
mA : _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pulse/Frequency : _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Status/Limit Switch : _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Binary Inputs : _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Communication

Options :

- HART Modbus Profibus PA Profibus DP
 Foundation Fieldbus FISCO

Hazardous Area :

Please specify : _____

Standard Measuring Functions: Mass Flow & Total, Volume Flow & Total, Density, Temperature

Optional

Concentration : General Brix Baume 144.3 Baume 145

NaOH Plato API Other : _____

Additional Comments / Special Requirements
