

Rosemount™ 8800D Quad Vortex Flow Meter Configuration Data Sheet

- Select only one of the items provided
- One or more of the listed items can be selected
- * Default value

Customer information	
Customer:	Contact name:
Quote/PO #:	Line #:

Fluid selection			
Steam:	○ Superheated	Saturated	
		○ Pressure-based	○ Temperature-Based
Liquid:	○ Water*	○ Methanol	○ Ethanol
	○ Ammonia	○ Oxygen	○ Other: _____
Gas:	○ Air	○ Nitrogen	○ Hydrogen
	○ Oxygen	○ Carbon Dioxide	○ Other: _____

Fluid properties
Name:
Density or Specific Gravity:
Viscosity:
Vapor pressure (liquids):
Base density:

Process information

Flow rate, pressure, and temperature						
		Units	Minimum	Normal	Maximum	Design
Flow rate:						
Pressure:	Process	<input type="radio"/> Absolute				
		<input type="radio"/> Gauge ⁽¹⁾				
		(Atmospheric) <input type="radio"/> 14.7 psi <input type="radio"/> Other _____				
Temperature:						

(1) If gauge pressure is selected, provide atmospheric pressure.

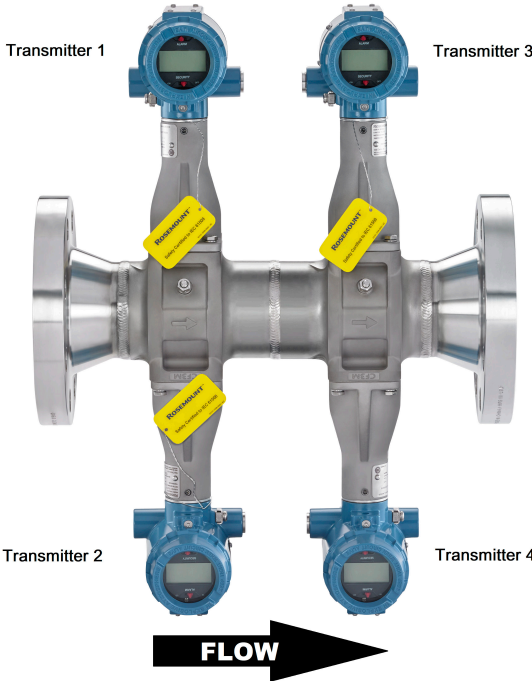
Base conditions (Required only if Standard Volumetric Flow Rate Units are used)				
	<input type="radio"/> Standard*	<input type="radio"/> Normal	<input type="radio"/> Standard - Natural Gas	<input type="radio"/> User Defined
Pressure	14.696 psia (101.3625 kPaa)	14.696 psia (101.3625 kPaa)	14.73 psia (101.3727 kPaa)	_____ <input type="radio"/> psia <input type="radio"/> kPaa
Temperature	60 °F (15.56 °C)	32 °F (0 °C)	60 °F (15.56 °C)	_____ <input type="radio"/> °C <input type="radio"/> °F

Mating pipe I.D.				
Process line size: _____	or Mating Pipe I.D. _____		<input type="radio"/> Inches*	<input type="radio"/> Millimeters
Mating pipe schedule <input type="radio"/> 10	<input type="radio"/> 40	<input type="radio"/> 80	<input type="radio"/> 160	<input type="radio"/> Other

Transmitter orientation

When ordering a quad meter, note the transmitter numbering with respect to the flow direction arrow.

Figure 1: Quad transmitter numbering



Transmitter 1

Physical tag

Hardware Tag		
Type	Line #	Characters (maximum number)
Transmitter name tag:	1	_____ (21)
Transmitter wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)
Meter body name tag:	1	_____ (21)
Meter body wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)

Software tag for transmitters with HART protocol

Software Tag - choose one according to protocol	
HART 5	_____ (8)
HART 7	_____ (32)

Software tag for transmitters with FOUNDATION™ Fieldbus protocol

Software Tag	
FOUNDATION™ Fieldbus	_____ (32)

Transmitter settings duplication (optional)

○ Configure remaining settings for this transmitter to match Transmitter # _____. (Write in the transmitter to be duplicated instead of filling out the fields below for this transmitter.)

HART/Analog configuration

Variable mapping

Variable mapping for transmitters with HART protocol	
Primary Variable:	<input type="radio"/> Volumetric flow* <input type="radio"/> Mass flow <input type="radio"/> Corrected volumetric flow <input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.	
___ Volumetric flow (Units ___)	___ Flow totalizer
___ Corrected volumetric flow (Units ___)	___ Electronics temperature
___ Mass flow (Units ___)	___ Pulse output frequency
___ Velocity flow (Units ___)	___ Shedding frequency
___ Signal strength	

Analog output scaling

Analog (4–20 mA) scaling for transmitters with HART protocol (Primary Variable selected will be assigned to the mA output)		
LRV:	URV:	UOM:

Pulse output

Pulse output for transmitters with HART protocol and Output option code P					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
Scaled:	1 pulse = ___ (e.g., 1 pulse = 10 gal)				
OR:	___ = ___ Hz (e.g., 10 gal/min = 100 Hz)				

Display

LCD configuration for transmitters with HART protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> % range*
<input type="checkbox"/> Pulse output frequency	<input type="checkbox"/> Analog output	<input type="checkbox"/> Velocity
<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Signal strength	<input type="checkbox"/> Corrected volumetric flow

FOUNDATION™ Fieldbus configuration

Scaling

Scaling for transmitters with FOUNDATION Fieldbus protocol			
	Lower limit	Upper limit	UOM
Flow XD_Scale			

Display

LCD configuration for transmitters with FOUNDATION Fieldbus protocol (check all items to be displayed)	
<input type="checkbox"/> Flow	<input type="checkbox"/> Shedding frequency
<input type="checkbox"/> % range	<input type="checkbox"/> Integrator output (totalizer)
<input type="checkbox"/> Electronics temperature	

Modbus configuration

Modbus protocol parameters

Modbus communication settings						
Modbus address _____			Range 1–247			Default: 1
Baud rate	<input type="radio"/> 1200	<input type="radio"/> 2400	<input type="radio"/> 4800	<input type="radio"/> 9600*	<input type="radio"/> 19200	<input type="radio"/> 38400
Parity	<input type="radio"/> Even*		<input type="radio"/> Odd	<input type="radio"/> None		
Stop bits	<input type="radio"/> 1 Bit*		<input type="radio"/> 2 Bits			

Variable mapping

Variable mapping for transmitters with Modbus protocol				
Primary Variable (PV):	<input type="radio"/> Volumetric flow*	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.				
___ Volumetric flow (Units ___)			___ Flow totalizer***	
___ Corrected volumetric flow (Units ___)			___ Electronics temperature	
___ Mass flow (Units ___)			___ Pulse output frequency	
___ Velocity flow (Units ___)			___ Shedding frequency**	
___ Signal strength****				
** Default SV		*** Default TV		**** Default QV

Pulse output

Pulse output for transmitters with Modbus protocol					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
Scaled:	1 pulse = ____ (e.g., 1 pulse = 10 gal)				
OR:	____ = ____ Hz (e.g., 10 gal/min = 100 Hz)				

Display

LCD configuration for transmitters with Modbus protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Pulse output frequency
<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> Velocity	<input type="checkbox"/> Corrected volumetric flow
<input type="checkbox"/> Signal strength		

SMART Fluid Diagnostics

SMART Fluid Diagnostics (DS3 option)	
Detects when the process fluid flow changes from liquid to gas.	
Alert type:	<input type="radio"/> Analog <input type="radio"/> Pulse <input type="radio"/> Analog & pulse <input type="radio"/> None
Analog alarm level (mA) _____	
Pulse alarm level (Hz) _____	
Expected gas density (lb/cu ft) _____	

Transmitter 2

Physical tag

Hardware Tag		
Type	Line #	Characters (maximum number)
Transmitter name tag:	1	_____ (21)
Transmitter wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)
Meter body name tag:	1	_____ (21)
Meter body wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)

Software tag for transmitters with HART protocol

Software Tag - choose one according to protocol	
HART 5	_____ (8)
HART 7	_____ (32)

Software tag for transmitters with FOUNDATION™ Fieldbus protocol

Software Tag	
FOUNDATION™ Fieldbus	_____ (32)

Transmitter settings duplication (optional)

○ Configure remaining settings for this transmitter to match Transmitter # _____. (Write in the transmitter to be duplicated instead of filling out the fields below for this transmitter.)

HART/Analog configuration

Variable mapping

Variable mapping for transmitters with HART protocol	
Primary Variable:	<input type="radio"/> Volumetric flow* <input type="radio"/> Mass flow <input type="radio"/> Corrected volumetric flow <input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.	
___ Volumetric flow (Units ___)	___ Flow totalizer
___ Corrected volumetric flow (Units ___)	___ Electronics temperature
___ Mass flow (Units ___)	___ Pulse output frequency
___ Velocity flow (Units ___)	___ Shedding frequency
___ Signal strength	

Analog output scaling

Analog (4–20 mA) scaling for transmitters with HART protocol (Primary Variable selected will be assigned to the mA output)		
LRV:	URV:	UOM:

Pulse output

Pulse output for transmitters with HART protocol and Output option code P					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
	Scaled:	1 pulse = ___ (e.g., 1 pulse = 10 gal)			
	OR:	___ = ___ Hz (e.g., 10 gal/min = 100 Hz)			

Display

LCD configuration for transmitters with HART protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> % range*
<input type="checkbox"/> Pulse output frequency	<input type="checkbox"/> Analog output	<input type="checkbox"/> Velocity
<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Signal strength	<input type="checkbox"/> Corrected volumetric flow

FOUNDATION™ Fieldbus configuration

Scaling

Scaling for transmitters with FOUNDATION Fieldbus protocol			
	Lower limit	Upper limit	UOM
Flow XD_Scale			

Display

LCD configuration for transmitters with FOUNDATION Fieldbus protocol (check all items to be displayed)	
<input type="checkbox"/> Flow	<input type="checkbox"/> Shedding frequency
<input type="checkbox"/> % range	<input type="checkbox"/> Integrator output (totalizer)
<input type="checkbox"/> Electronics temperature	

Modbus configuration

Modbus protocol parameters

Modbus communication settings						
Modbus address _____	Range 1–247			Default: 1		
Baud rate	<input type="radio"/> 1200	<input type="radio"/> 2400	<input type="radio"/> 4800	<input type="radio"/> 9600*	<input type="radio"/> 19200	<input type="radio"/> 38400
Parity	<input type="radio"/> Even*		<input type="radio"/> Odd	<input type="radio"/> None		
Stop bits	<input type="radio"/> 1 Bit*		<input type="radio"/> 2 Bits			

Variable mapping

Variable mapping for transmitters with Modbus protocol				
Primary Variable (PV):	<input type="radio"/> Volumetric flow*	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.				
___ Volumetric flow (Units ___)	___ Flow totalizer***		___ Electronics temperature	
___ Corrected volumetric flow (Units ___)	___ Pulse output frequency		___ Shedding frequency**	
___ Mass flow (Units ___)	___ Signal strength****			
___ Velocity flow (Units ___)				
___ Signal strength****				
** Default SV	*** Default TV		**** Default QV	

Scaling

Primary Variable (selected above) Upper and Lower range values and units		
LRV:	URV:	UOM:

Pulse output

Pulse output for transmitters with Modbus protocol					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
	Scaled:	1 pulse = ____ (e.g., 1 pulse = 10 gal)			
	OR:	____ = ____ Hz (e.g., 10 gal/min = 100 Hz)			

Display

LCD configuration for transmitters with Modbus protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Pulse output frequency
<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> Velocity	<input type="checkbox"/> Corrected volumetric flow
<input type="checkbox"/> Signal strength		

SMART Fluid Diagnostics

SMART Fluid Diagnostics (DS3 option)
Detects when the process fluid flow changes from liquid to gas.
Alert type: <input type="radio"/> Analog <input type="radio"/> Pulse <input type="radio"/> Analog & pulse <input type="radio"/> None
Analog alarm level (mA) _____
Pulse alarm level (Hz) _____
Expected gas density (lb/cu ft) _____

Transmitter 3

Physical tag

Hardware Tag		
Type	Line #	Characters (maximum number)
Transmitter name tag:	1	_____ (21)
Transmitter wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)
Meter body name tag:	1	_____ (21)
Meter body wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)

Software tag for transmitters with HART protocol

Software Tag - choose one according to protocol	
HART 5	_____ (8)
HART 7	_____ (32)

Software tag for transmitters with FOUNDATION™ Fieldbus protocol

Software Tag	
FOUNDATION™ Fieldbus	_____ (32)

Transmitter settings duplication (optional)

○ Configure remaining settings for this transmitter to match Transmitter # _____. (Write in the transmitter to be duplicated instead of filling out the fields below for this transmitter.)

HART/Analog configuration

Variable mapping

Variable mapping for transmitters with HART protocol	
Primary Variable:	<input type="radio"/> Volumetric flow* <input type="radio"/> Mass flow <input type="radio"/> Corrected volumetric flow <input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.	
<input type="checkbox"/> Volumetric flow (Units _____)	<input type="checkbox"/> Flow totalizer
<input type="checkbox"/> Corrected volumetric flow (Units _____)	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Mass flow (Units _____)	<input type="checkbox"/> Pulse output frequency
<input type="checkbox"/> Velocity flow (Units _____)	<input type="checkbox"/> Shedding frequency
<input type="checkbox"/> Signal strength	

Analog output scaling

Analog (4–20 mA) scaling for transmitters with HART protocol (Primary Variable selected will be assigned to the mA output)		
LRV:	URV:	UOM:

Pulse output

Pulse output for transmitters with HART protocol and Output option code P					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
	Scaled:	1 pulse = _____ (e.g., 1 pulse = 10 gal)			
	OR:	_____ = _____ Hz (e.g., 10 gal/min = 100 Hz)			

Display

LCD configuration for transmitters with HART protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> % range*
<input type="checkbox"/> Pulse output frequency	<input type="checkbox"/> Analog output	<input type="checkbox"/> Velocity
<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Signal strength	<input type="checkbox"/> Corrected volumetric flow

FOUNDATION™ Fieldbus configuration

Scaling

Scaling for transmitters with FOUNDATION Fieldbus protocol			
	Lower limit	Upper limit	UOM
Flow XD_Scale			

Display

LCD configuration for transmitters with FOUNDATION Fieldbus protocol (check all items to be displayed)	
<input type="checkbox"/> Flow	<input type="checkbox"/> Shedding frequency
<input type="checkbox"/> % range	<input type="checkbox"/> Integrator output (totalizer)
<input type="checkbox"/> Electronics temperature	

Modbus configuration

Modbus protocol parameters

Modbus communication settings						
Modbus address _____	Range 1–247			Default: 1		
Baud rate	<input type="radio"/> 1200	<input type="radio"/> 2400	<input type="radio"/> 4800	<input type="radio"/> 9600*	<input type="radio"/> 19200	<input type="radio"/> 38400
Parity	<input type="radio"/> Even*		<input type="radio"/> Odd		<input type="radio"/> None	
Stop bits	<input type="radio"/> 1 Bit*		<input type="radio"/> 2 Bits			

Variable mapping

Variable mapping for transmitters with Modbus protocol				
Primary Variable (PV):	<input type="radio"/> Volumetric flow*	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.				
___ Volumetric flow (Units ___)	___ Flow totalizer***		___ Electronics temperature	
___ Corrected volumetric flow (Units ___)	___ Pulse output frequency		___ Shedding frequency**	
___ Mass flow (Units ___)	___ Signal strength****			
___ Velocity flow (Units ___)				

** Default SV	*** Default TV		**** Default QV	

Scaling

Primary Variable (selected above) Upper and Lower range values and units		
LRV:	URV:	UOM:

Pulse output

Pulse output for transmitters with Modbus protocol					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
	Scaled:	1 pulse = ____ (e.g., 1 pulse = 10 gal)			
	OR:	____ = ____ Hz (e.g., 10 gal/min = 100 Hz)			

Display

LCD configuration for transmitters with Modbus protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Pulse output frequency
<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> Velocity	<input type="checkbox"/> Corrected volumetric flow
<input type="checkbox"/> Signal strength		

SMART Fluid Diagnostics

SMART Fluid Diagnostics (DS3 option)
Detects when the process fluid flow changes from liquid to gas.
Alert type: <input type="radio"/> Analog <input type="radio"/> Pulse <input type="radio"/> Analog & pulse <input type="radio"/> None
Analog alarm level (mA) _____
Pulse alarm level (Hz) _____
Expected gas density (lb/cu ft) _____

Transmitter 4

Physical tag

Hardware Tag		
Type	Line #	Characters (maximum number)
Transmitter name tag:	1	_____ (21)
Transmitter wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)
Meter body name tag:	1	_____ (21)
Meter body wire-on tag	1	_____ (17)
	2	_____ (17)
	3	_____ (17)
	4	_____ (17)
	5	_____ (17)

Software tag for transmitters with HART protocol

Software Tag - choose one according to protocol	
HART 5	_____ (8)
HART 7	_____ (32)

Software tag for transmitters with FOUNDATION™ Fieldbus protocol

Software Tag	
FOUNDATION™ Fieldbus	_____ (32)

Transmitter settings duplication (optional)

○ Configure remaining settings for this transmitter to match Transmitter # _____. (Write in the transmitter to be duplicated instead of filling out the fields below for this transmitter.)

HART/Analog configuration

Variable mapping

Variable mapping for transmitters with HART protocol	
Primary Variable:	<input type="radio"/> Volumetric flow* <input type="radio"/> Mass flow <input type="radio"/> Corrected volumetric flow <input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.	
___ Volumetric flow (Units ___)	___ Flow totalizer
___ Corrected volumetric flow (Units ___)	___ Electronics temperature
___ Mass flow (Units ___)	___ Pulse output frequency
___ Velocity flow (Units ___)	___ Shedding frequency
___ Signal strength	

Analog output scaling

Analog (4–20 mA) scaling for transmitters with HART protocol (Primary Variable selected will be assigned to the mA output)		
LRV:	URV:	UOM:

Pulse output

Pulse output for transmitters with HART protocol and Output option code P					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
	Scaled:	1 pulse = ___ (e.g., 1 pulse = 10 gal)			
	OR:	___ = ___ Hz (e.g., 10 gal/min = 100 Hz)			

Display

LCD configuration for transmitters with HART protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> % range*
<input type="checkbox"/> Pulse output frequency	<input type="checkbox"/> Analog output	<input type="checkbox"/> Velocity
<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Signal strength	<input type="checkbox"/> Corrected volumetric flow

FOUNDATION™ Fieldbus configuration

Scaling

Scaling for transmitters with FOUNDATION Fieldbus protocol			
	Lower limit	Upper limit	UOM
Flow XD_Scale			

Display

LCD configuration for transmitters with FOUNDATION Fieldbus protocol (check all items to be displayed)	
<input type="checkbox"/> Flow	<input type="checkbox"/> Shedding frequency
<input type="checkbox"/> % range	<input type="checkbox"/> Integrator output (totalizer)
<input type="checkbox"/> Electronics temperature	

Modbus configuration

Modbus protocol parameters

Modbus communication settings						
Modbus address _____			Range 1–247			Default: 1
Baud rate	<input type="radio"/> 1200	<input type="radio"/> 2400	<input type="radio"/> 4800	<input type="radio"/> 9600*	<input type="radio"/> 19200	<input type="radio"/> 38400
Parity	<input type="radio"/> Even*		<input type="radio"/> Odd	<input type="radio"/> None		
Stop bits	<input type="radio"/> 1 Bit*		<input type="radio"/> 2 Bits			

Variable mapping

Variable mapping for transmitters with Modbus protocol				
Primary Variable (PV):	<input type="radio"/> Volumetric flow*	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
Secondary (SV), Tertiary (TV), and Quaternary (QV) variables. Select up to three variables from the list. Mark the SV with a 2, TV with a 3, and QV with a 4.				
___ Volumetric flow (Units ___)			___ Flow totalizer***	
___ Corrected volumetric flow (Units ___)			___ Electronics temperature	
___ Mass flow (Units ___)			___ Pulse output frequency	
___ Velocity flow (Units ___)			___ Shedding frequency**	
___ Signal strength****				
** Default SV		*** Default TV		**** Default QV

Scaling

Primary Variable (selected above) Upper and Lower range values and units		
LRV:	URV:	UOM:

Pulse output

Pulse output for transmitters with Modbus protocol					
Pulse output based on:	<input type="radio"/> Direct shredding frequency*	<input type="radio"/> Volume flow	<input type="radio"/> Mass flow	<input type="radio"/> Corrected volumetric flow	<input type="radio"/> Velocity flow
	Scaled:	1 pulse = ____ (e.g., 1 pulse = 10 gal)			
	OR:	____ = ____ Hz (e.g., 10 gal/min = 100 Hz)			

Display

LCD configuration for transmitters with Modbus protocol (check all items to be displayed)		
<input type="checkbox"/> Volumetric flow rate	<input type="checkbox"/> Primary variable*	<input type="checkbox"/> Electronics temperature
<input type="checkbox"/> Shedding frequency	<input type="checkbox"/> Mass flow rate	<input type="checkbox"/> Pulse output frequency
<input type="checkbox"/> Flow totalizer	<input type="checkbox"/> Velocity	<input type="checkbox"/> Corrected volumetric flow
<input type="checkbox"/> Signal strength		

SMART Fluid Diagnostics

SMART Fluid Diagnostics (DS3 option)	
Detects when the process fluid flow changes from liquid to gas.	
Alert type:	<input type="radio"/> Analog <input type="radio"/> Pulse <input type="radio"/> Analog & pulse <input type="radio"/> None
Analog alarm level (mA) _____	
Pulse alarm level (Hz) _____	
Expected gas density (lb/cu ft) _____	

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