

Configuration Data Sheet

00806-0100-4308, Rev AA
 April 2013

Rosemount 3308

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BOLD = Required Value

Select only one of the items provided

★ = Default Value

One or more of the listed items can be selected

Customer Information	
Customer: _____	Contact Name: _____
P.O./Reference No.: _____	Fax No./Email: _____
Phone No.: _____	P.O. Line Item: _____
Model No.: _____	
Customer Signoff: _____	

Tagging	
Hardware Tag: _____	(21 characters)
Short Software Tag: _____	(8 characters)
Long Software Tag: _____	(32 characters)

Unit Related Information		
Length Units: <ul style="list-style-type: none"> <input type="radio"/> feet <input type="radio"/> inches <input type="radio"/> meters <input type="radio"/> centimeters <input type="radio"/> millimeters 	Volume Units: <ul style="list-style-type: none"> <input type="radio"/> cubic feet <input type="radio"/> cubic inches <input type="radio"/> US gallons <input type="radio"/> oil barrels★ <input type="radio"/> cubic meters <input type="radio"/> liters 	Temperature Units: <ul style="list-style-type: none"> <input type="radio"/> °C <input type="radio"/> °F

Self Organizing Network Parameters								
Rosemount Smart Wireless Self Organizing devices employ configurable network parameters that allow users to manage network security. The best security practice is to order Smart Wireless Self Organizing devices with Generated Network Parameters and enter Customer Network Parameters during the onsite commissioning process upon receipt. This allows customers to best control network access and security.								
<input type="radio"/> Factory-Generated Network Parameters <input type="radio"/> Customer Network Parameters								
Network ID	<table border="0"> <tr> <td> _ _ _ _ _ </td> <td>(00000-32,000)</td> </tr> </table>	_ _ _ _ _	(00000-32,000)					
_ _ _ _ _	(00000-32,000)							
Join Key ⁽¹⁾	<table border="0"> <tr> <td> _ _ _ _ _ _ _ _ _ </td> <td>-</td> <td> _ _ _ _ _ _ _ _ _ </td> <td>-</td> <td> _ _ _ _ _ _ _ _ _ </td> <td>-</td> <td> _ _ _ _ _ _ _ _ _ </td> </tr> </table>	_ _ _ _ _ _ _ _ _	-	_ _ _ _ _ _ _ _ _	-	_ _ _ _ _ _ _ _ _	-	_ _ _ _ _ _ _ _ _
_ _ _ _ _ _ _ _ _	-	_ _ _ _ _ _ _ _ _	-	_ _ _ _ _ _ _ _ _	-	_ _ _ _ _ _ _ _ _		

(1) Exactly 32 hexadecimal digits, 0-9 and A-F.

OPTIONS

Custom configuration information below this line requires C1 option code.

Level Rate Process Media			
Maximum Level Rate ⁽¹⁾	<input type="radio"/> 3 ft (1 m) in 30 minutes	<input type="radio"/> 3 ft (1 m) in 15 minutes	<input type="radio"/> Unknown★
	<input type="radio"/> 3 ft (1 m) in 5 minutes	<input type="radio"/> 3 ft (1 m) in 1 minute ⁽²⁾	

(1) Due to overall level changes, not to turbulent surface.

(2) If this option is selected, the slowest WirelessHART Update Rate available is 1 minute.

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Update Rate Wireless Communication			
Update Rate	<input type="radio"/> 4 seconds	<input type="radio"/> 8 seconds	<input type="radio"/> 16 seconds
	<input type="radio"/> 32 seconds	<input type="radio"/> 1 minute*	<input type="radio"/> _____ minutes (max 60 minutes)

Transmitter Information	
Descriptor: _____	(16 characters maximum)
Message: _____	(32 characters maximum)
Date: _____	(32 characters maximum)

Tank Geometry			
Tank Height _____			(Probe Length*)
Tank Type:	Mounting Type:	Nozzle Diameter, Chamber, Pipe (if applicable)	
<input type="radio"/> Metallic*	<input type="radio"/> Direct/Bracket	<input type="radio"/> 1.5 inch/DN40	<input type="radio"/> 6 inch/DN150
<input type="radio"/> Non-Metallic	<input type="radio"/> Nozzle	<input type="radio"/> 2 inch/DN50	<input type="radio"/> 8 inch/DN200
	<input type="radio"/> Pipe/Chamber	<input type="radio"/> 3 inch/DN80	<input type="radio"/> 10 inch or wider/ ≥DN250
	<input type="radio"/> Unknown*	<input type="radio"/> 4 inch/DN100	<input type="radio"/> Unknown*

Application / Media Information		
Application:	Process Media:	
<input type="radio"/> Oil Tank	<input type="radio"/> Gas Condensate (DC = 1.8)	<input type="radio"/> Caustic (DC = 20)
<input type="radio"/> Water Tank	<input type="radio"/> Crude Oil (DC = 2.1)*	<input type="radio"/> Acid (DC = 20)
<input type="radio"/> Chemical Tank	<input type="radio"/> Heavy Oil (DC = 3.0)	<input type="radio"/> Unknown
<input type="radio"/> Other: _____	<input type="radio"/> Water (DC = 80)	<input type="radio"/> Other: _____
	<input type="radio"/> Chemicals (Water-based) (DC = 20)	

Interface Media Information (if applicable)			
Upper Layer Media:	<input type="radio"/> Gas Condensate (DC = 1.8)		
	<input type="radio"/> Crude Oil (DC = 2.1)*		
	<input type="radio"/> Other: _____	Fully Submerged Probe:	<input type="radio"/> No* <input type="radio"/> Yes

Process Variables and Variable Mapping			
Primary Variable (PV) Assignment		Second Variable (SV) Assignment	
<input type="radio"/> Level*	<input type="radio"/> Interface Level	<input type="radio"/> Level	<input type="radio"/> Signal Quality
<input type="radio"/> Distance	<input type="radio"/> Interface Distance	<input type="radio"/> Distance*	<input type="radio"/> Interface Signal Strength
<input type="radio"/> Volume	<input type="radio"/> Upper Product Thickness	<input type="radio"/> Volume	<input type="radio"/> Electronics Temperature
		<input type="radio"/> Interface Level	<input type="radio"/> Supply Voltage
		<input type="radio"/> Interface Distance	
		<input type="radio"/> Upper Product Thickness	
Lower Range Value (0%): _____ (0*)			
Upper Range Value (100%): _____ (Tank Height*)			
Third Variable (TV) Assignment		Fourth Variable (QV) Assignment	
<input type="radio"/> Level	<input type="radio"/> Signal Quality	<input type="radio"/> Level	<input type="radio"/> Signal Quality
<input type="radio"/> Distance	<input type="radio"/> Interface Signal Strength	<input type="radio"/> Distance	<input type="radio"/> Interface Signal Strength
<input type="radio"/> Volume	<input type="radio"/> Electronics Temperature*	<input type="radio"/> Volume	<input type="radio"/> Electronics Temperature
<input type="radio"/> Interface Level	<input type="radio"/> Supply Voltage	<input type="radio"/> Interface Level	<input type="radio"/> Supply Voltage*
<input type="radio"/> Interface Distance		<input type="radio"/> Interface Distance	
<input type="radio"/> Upper Product Thickness		<input type="radio"/> Upper Product Thickness	

Configuration Data Sheet

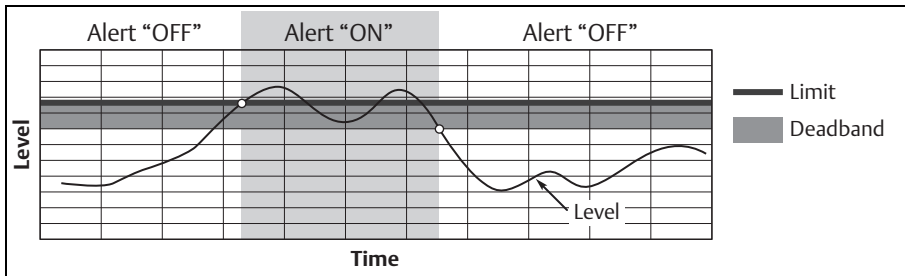
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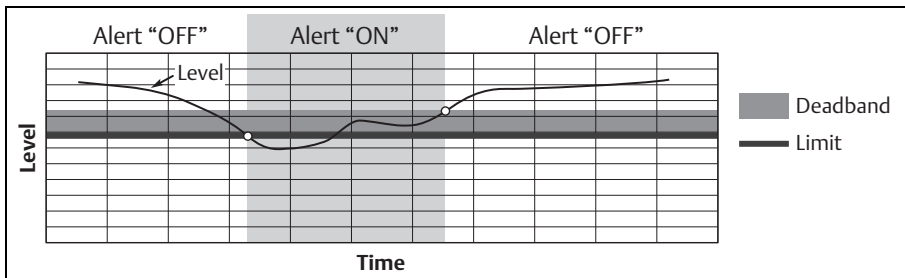
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Process Variables and Variable Mapping			
Process alert limits are values set by the user where the transmitter outputs a HART message and digital display information when the level goes outside the designated range. The level values are limited to the range of the transmitter. Units of limits and deadbands will match the unit selection on page 1 of this document.			
HI-HI Level Limit Alert Direction: Rising Alert Mode: <input type="radio"/> Enabled <input type="radio"/> Disabled* Limit _____ Deadband: _____		HI Level Limit Alert Direction: Rising Alert Mode: <input type="radio"/> Enabled <input type="radio"/> Disabled* Limit _____ Deadband: _____	
LO-LO Level Limit Alert Direction: Rising Alert Mode: <input type="radio"/> Enabled <input type="radio"/> Disabled* Limit _____ Deadband: _____		LO Level Limit Alert Direction: Rising Alert Mode: <input type="radio"/> Enabled <input type="radio"/> Disabled* Limit _____ Deadband: _____	

Example 1: Rising Alert suitable for Hi or Hi-Hi Limits



Example 2: Falling Alert, suitable for Lo or Lo-Lo Limits



LCD Configuration - Only if M5 is ordered				
Update Rate	<input type="checkbox"/> Level	<input type="checkbox"/> Distance	<input type="checkbox"/> Total Volume ⁽¹⁾	<input type="checkbox"/> Interface Level
	<input type="checkbox"/> Interface Distance	<input type="checkbox"/> Percent of Range	<input type="checkbox"/> Upper Product Thickness	<input type="checkbox"/> Signal Quality
	<input type="checkbox"/> Supply Voltage	<input type="checkbox"/> Electronics Temperature		

Carousel Toggling is used to present more than one variable.

(1) The Volume Calculation section needs to be filled out for meaningful volume presentation.

Write Protection	
Software Write Protect:	<input type="radio"/> Enabled <input type="radio"/> Disabled*

Tank Shape Information for Volume Calculation

Volume Calculation (If applicable)

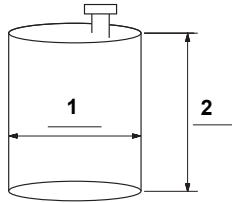
Volume is calculated based on ideal shapes or by a 10 point strapping table. Strapping table cannot be pre-configured.

If your tank is an ideal shape, please select what ideal shape to use. Add the dimensions for the selected shape.

Vertical Cylinder

Dimensions:

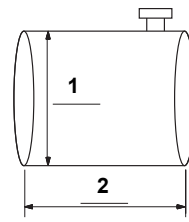
1. _____
2. _____



Horizontal Cylinder

Dimensions:

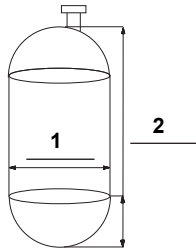
1. _____
2. _____



Vertical Bullet

Dimensions:

1. _____
2. _____



Horizontal Bullet

Dimensions:

1. _____
2. _____

