Configuration Data Sheet

December 2014 00806-0100-4702, Rev BC

Rosemount 702 Wireless Configuration Data Sheet

BOLD = Required Value * = Default	Select only one of the items providedOne or more of the listed items can be selected	
Customer Information		
Customer:	Contact Name:	
Phone No:	Fax No./Email:	
P.O./Reference No.:	P.O. Line Item:	
Quote No	Model No.:	
Customer Signoff:		
Tagging		
Hardware Tag:		
Software Tag:		
-		
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.		
Factory-Generated Network Parameters*		
— Customer Network Farameters		
Network ID _ _ (00000-32000)		
Join Key ⁽¹⁾ - - - - - - - - - - - - - - - - - - -		
(1) Exactly 32 hexidecimal digits, 0-9 and A-F.		
Transmitter Information		
Descriptor:	(16 Characters Maximum)	
Message:	(32 Characters Maximum)	
Date:	(MM/DD/YYYY)	
Update Rate		
Update Rate:	O Seconds O Minutes	
2.4 GHz DSSS WirelessHART Update Rate allows for 1, 2, 4, 8, 16, or 32 seconds	s, or 1 to 60 minutes. (1 Minute*)	
Channel Configuration, Option Code 22 and 32, Dual Discrete Inp	out Only	
Channel Configuration, Option Code 22 and 32, Dual Discrete Inp Application Type (pick one)	Logic Option (pick one for each channel)	
Application Type (pick one)	Logic Option (pick one for each channel)	
Application Type (pick one) O Dual Input - Independent	Logic Option (pick one for each channel) Channel 1	
Application Type (pick one) O Dual Input - Independent O Single Input - Channel 1 Only	Logic Option (pick one for each channel) Channel 1 O Direct	
Application Type (pick one) O Dual Input - Independent O Single Input - Channel 1 Only O Dual Input – Limit Contact Logic	Logic Option (pick one for each channel) Channel 1 O Direct Inverted	





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Channel Configuration, Measurement Option Code 42, Dual Discrete Input and/or Output		
Application Type (pick one)		
O Dual Input or Output - Independent		
O Single Input or Output - Channel 1 Only		
O Dual Input – Limit Contact Logic		
O Dual Input - Opposing Contact Logic		
Direction (pick one for each channel)	Logic Option (pick one for each channel)	
	Channel 1	
Note	Opirect	
The choice of Limit Contact Logic or Opposing Contact Logic requires that both channels are Input.	O Inverted	
·		
Channel 1	Channel 2	
O Input	O Direct	
O Output	OInverted	
Channel 2		
O Input		
O Output		
Variable Mapping – Measurement Option Codes 32 and 42		
The Variable Reporting parameter maps the variables in one of two ways. Enhanced Reporting uses Variable Mapping to report discrete counts; Classic Reporting does not report discrete counts. Variable Mapping is determined only by the choice of Variable Reporting.		
Classic Reporting mapping is as follows: PV - Channel 1 Discrete State; SV - Channel 2 Discrete State; TV - Electronics Temperature; QV - Battery Voltage Enhanced Reporting mapping is as follows: PV - Channel 1 Discrete State; SV - Channel 2 Discrete State; TV - Channel 1 Discrete Count; QV - Channel 2 Discrete Count		
Variable Reporting Method		
O Classic★		
O Enhanced		

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