Rosemount 702 Wireless Configuration Data Sheet

BOLD = Required Value
★ = Default

○ Select only one of the items provided
❑ One 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 Parameters

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:_____

○ Seconds ○ Minutes

2.4 GHz DSSS *Wireless*HART Update Rate allows for 1, 2, 4, 8, 16, or 32 seconds, or 1 to 60 minutes. (1 Minute★)

Channel Configuration, Option Code 22 and 32, Dual Discrete Input Only

Application Type (pick one)

○ Dual Input - Independent

○ Single Input - Channel 1 Only

○ Dual Input – Limit Contact Logic

○ Dual Input – Opposing Contact Logic

Logic Option (pick one for each channel)

Channel 1

○ Direct

○ Inverted

Channel 2

○ Direct

○ Inverted

Channel Configuration, Measurement Option Code 42, Dual Discrete Input and/or Output

Application Type (pick one)

○ Dual Input or Output - Independent

○ Single Input or Output - Channel 1 Only

○ Dual Input – Limit Contact Logic

○ Dual Input - Opposing Contact Logic

Direction (pick one for each channel)

Note
The choice of Limit Contact Logic or Opposing Contact Logic requires that both channels are Input.

Channel 1

○ Input

○ Output

Channel 2

○ Input

○ Output

Logic Option (pick one for each channel)

Channel 1

○ Direct

○ Inverted

Channel 2

○ Direct

○ Inverted

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

○ Classic★

○ Enhanced

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EMERSON.
Process Management