

Rosemount 3051S Wireless Series

NOTE

Custom configuration information below this line requires C1 option code.

| | |
|--------------------------------|-------------------------------------|
| Transmitter Information | |
| Descriptor: _____ | (16 Characters Maximum) |
| Message: _____ | (32 Characters Maximum) |
| Date: _____ | (MM/DD/YYYY) (Date of Calibration*) |

| | |
|--|--|
| Wireless Information | |
| Update Rate: <input type="radio"/> 1 second <input type="radio"/> 2 seconds <input type="radio"/> 4 seconds <input type="radio"/> 8 seconds <input type="radio"/> 16 seconds <input type="radio"/> 32 seconds or _____ minutes _____ seconds | |
| 2.4 GHz DSSS WirelessHART™ Update Rate allows for 1, 2, 4, 8, 16, 32 seconds, or 1 to 60 minutes. (1 Minute*) | |

| | |
|--|---|
| Digital Display | |
| <input type="checkbox"/> Pressure* | <input type="checkbox"/> % of Range |
| <input type="checkbox"/> Scaled Variable | <input type="checkbox"/> Sensor Temperature |
| <input type="checkbox"/> Supply Voltage | |

| | |
|---------------------------|---|
| Output Information | |
| Write Protect: | <input type="radio"/> Enabled <input type="radio"/> Disabled* |

| | |
|---|--|
| Scaled Variable | |
| Scaled Units = _____ (5 characters max— valid characters include 0-9, A-Z, I, %, -, and *) | |
| Transfer Function: | |
| <input type="radio"/> Linear* | <input type="radio"/> Square Root |
| Linear Scaled Variable (Linear option only) | Square Root Scaled Variable (Square Root option only) |
| Low pressure value = _____ (Eng. Units) | Low pressure value: 0 (Eng. Units) |
| High pressure value = _____ (Eng. Units) | High pressure value = _____ (Eng. Units) |
| Low scaled value = _____ (Scaled Units) | Low scaled value: 0 (Scaled Units) |
| High scaled value = _____ (Scaled Units) | High scaled value = _____ (Scaled Units) |
| Linear Offset = _____ (Eng. Units) | Low Flow Cut Off: <input type="radio"/> On* <input type="radio"/> Off _____ (Scaled unit) |
| Range Values—both categories must be completed. (used when scaled variable is set to primary variable) | |
| LRV: _____ (Scaled Unit) (seven characters max) | URV: _____ (Scaled Unit) (seven characters max) |

| | |
|---|------------------------------------|
| Process Alerts | |
| Process alert setpoints are values set by the user where the transmitter outputs a HART message and digital display information when the applied pressure or temperature goes outside the designate range. The pressure values are limited to the range of the transmitter. | |
| Pressure Process Alert | |
| (LRL ≤ LO LO Alert ≤ LO Alert ≤ HI Alert ≤ HI HI Alert ≤ URL) | |
| <input type="radio"/> On <input type="radio"/> Off* | |
| LO LO Set Point: _____ | Deadband: _____ (Engineering Unit) |
| LO Set Point: _____ | Deadband: _____ (Engineering Unit) |
| HI Set Point: _____ | Deadband: _____ (Engineering Unit) |
| HI HI Set Point: _____ | Deadband: _____ (Engineering Unit) |

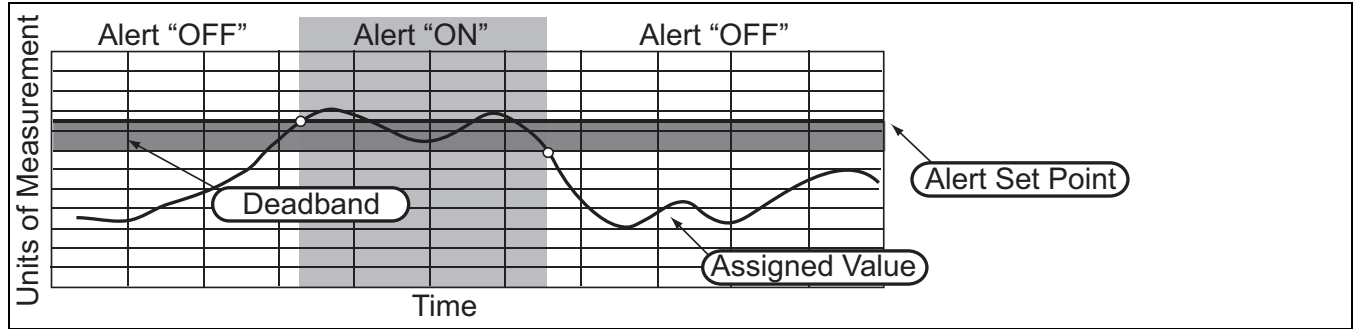
Configuration Data Sheet

00806-0100-4802, Rev CA

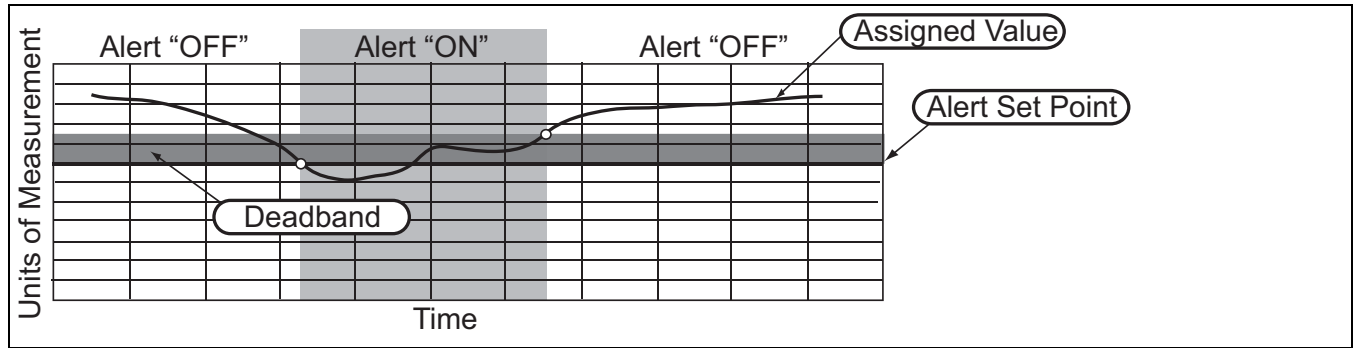
April 2013

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Example 1: Alerts Rising



Example 2: Alerts Falling



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**Emerson Process Management
Rosemount Measurement**
8200 Market Boulevard
Chanhassen MN 55317 USA
Tel (USA) 1 800 999 9307
Tel (International) +1 952 906 8888
Fax +1 952 906 8889

Emerson Process Management
Blegistrasse 23
P.O. Box 1046
CH 6341 Baar
Switzerland
Tel +41 (0) 41 768 6111
Fax +41 (0) 41 768 6300

Emerson FZE
P.O. Box 17033
Jebel Ali Free Zone
Dubai UAE
Tel +971 4 811 8100
Fax +971 4 886 5465

**Emerson Process Management Asia Pacific
Pte Ltd**
1 Pandan Crescent
Singapore 128461
Tel +65 6777 8211
Fax +65 6777 0947
Service Support Hotline : +65 6770 8711
Email : Enquiries@AP.EmersonProcess.com

**Emerson Process Management
Latin America**
1300 Concord Terrace, Suite 400
Sunrise Florida 33323 USA
Tel + 1 954 846 5030

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