

Configuration Data Sheet

00806-0200-4021, Rev AA

June 2013

Rosemount 3144P

Configuration Data Sheet

FOUNDATION Fieldbus Temperature Transmitter

BOLD = Required Value

***** = Default

Select only one of the items provided

One or more of the listed items can be selected

Customer Information	
Customer: _____	Name: _____
Phone No: _____	Fax No./Email: _____
P.O./Reference No.: _____	P.O. Line Item: _____
Quote No. _____	Model No.: _____
Customer Signoff: _____	
Tagging	
Hardware Tag: _____ (2 lines, 28 Characters maximum per line)	
Software Tag: _____ (32 Characters Maximum)	
Sensor 1	Sensor 2 (Dual Sensor Option)
Sensor Tag _____ (32 Characters Max)	Sensor Tag _____ (32 Characters Max)
Type	Type ⁽¹⁾
<input type="radio"/> Pt 100, $\alpha = 0.00385$ *	<input type="radio"/> Not used
<input type="radio"/> Pt 100, $\alpha = 0.003916$	<input type="radio"/> Pt 100, $\alpha = 0.00385$
<input type="radio"/> Pt 200, $\alpha = 0.00385$	<input type="radio"/> Pt 100, $\alpha = 0.003916$
<input type="radio"/> Pt 200, $\alpha = 0.003916$	<input type="radio"/> Pt 200, $\alpha = 0.00385$
<input type="radio"/> Pt 500, $\alpha = 0.00385$	<input type="radio"/> Pt 200, $\alpha = 0.003916$
<input type="radio"/> Pt 1000, $\alpha = 0.00385$	<input type="radio"/> Pt 500, $\alpha = 0.00385$
<input type="radio"/> Cu 10	<input type="radio"/> Pt 1000, $\alpha = 0.00385$
<input type="radio"/> Ni 120	<input type="radio"/> Cu 10
<input type="radio"/> Transmitter Sensor Matching (C2 Option)	<input type="radio"/> Ni 120
<input type="radio"/> Nonstandard (C7 Option), Attach Calibration Schedule ⁽²⁾	<input type="radio"/> Transmitter Sensor Matching (C2 Option)
<input type="radio"/> Ohms	<input type="radio"/> Nonstandard (C7 Option), Attach Calibration Schedule ⁽²⁾
<input type="radio"/> NIST Type B T/C	<input type="radio"/> Ohms
<input type="radio"/> NIST Type E T/C	<input type="radio"/> NIST Type B T/C
<input type="radio"/> NIST Type J T/C	<input type="radio"/> NIST Type E T/C
<input type="radio"/> NIST Type K T/C	<input type="radio"/> NIST Type J T/C
<input type="radio"/> NIST Type N T/C	<input type="radio"/> NIST Type K T/C
<input type="radio"/> NIST Type R T/C	<input type="radio"/> NIST Type N T/C
<input type="radio"/> NIST Type S T/C	<input type="radio"/> NIST Type R T/C
<input type="radio"/> NIST Type T T/C	<input type="radio"/> NIST Type S T/C
<input type="radio"/> mV	<input type="radio"/> NIST Type T T/C
<input type="radio"/> DIN Type L T/C	<input type="radio"/> mV
<input type="radio"/> DIN Type U T/C	<input type="radio"/> DIN Type L T/C
<input type="radio"/> Type W5Re/W26Re T/C	<input type="radio"/> DIN Type U T/C
<input type="radio"/> GOST Pt 50, $\alpha = 0.00391$	<input type="radio"/> Type W5Re/W26Re T/C
<input type="radio"/> GOST Pt 100, $\alpha = 0.00391$	<input type="radio"/> GOST Pt 50, $\alpha = 0.00391$
<input type="radio"/> GOST Cu 50, $\alpha = 0.00426$	<input type="radio"/> GOST Pt 100, $\alpha = 0.00391$
<input type="radio"/> GOST Cu 50, $\alpha = 0.00428$	<input type="radio"/> GOST Cu 50, $\alpha = 0.00426$
<input type="radio"/> GOST Cu 100, $\alpha = 0.00426$	<input type="radio"/> GOST Cu 50, $\alpha = 0.00428$
<input type="radio"/> GOST Cu 100, $\alpha = 0.00428$	<input type="radio"/> GOST Cu 100, $\alpha = 0.00426$
<input type="radio"/> GOST Type L T/C	<input type="radio"/> GOST Cu 100, $\alpha = 0.00428$
	<input type="radio"/> GOST Type L T/C

(1) Default depends on option ordered F1: Default is "Not Used." F2: Default is PT100 3-wire

(2) A nonstandard sensor type can only be used for Sensor 1 or Sensor 2, not both.



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Number of Leads <input type="checkbox"/> 2-wire <input type="checkbox"/> 3-wire <input type="checkbox"/> 4-wire★ Measurement Point LO _____ HI _____ Units <input type="checkbox"/> mV <input type="checkbox"/> °C ★ <input type="checkbox"/> Ohms <input type="checkbox"/> °F <input type="checkbox"/> K <input type="checkbox"/> °R Alarms Priority (0-15) HI HI Alarm _____ HI Alarm _____ LO Alarm _____ LO LO Alarm _____	Number of Leads <input type="checkbox"/> 2-wire <input type="checkbox"/> 3-wire Measurement Point LO _____ HI _____ Units <input type="checkbox"/> mV <input type="checkbox"/> °C <input type="checkbox"/> Ohms <input type="checkbox"/> °F <input type="checkbox"/> K <input type="checkbox"/> °R Alarms Priority (0-15) HI HI Alarm _____ HI Alarm _____ LO Alarm _____ LO LO Alarm _____
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NOTE

Custom configuration information below this note requires C1 option code.

Transmitter Information	
Damping <input type="radio"/> 5 Seconds ★ <input type="radio"/> Other _____	(Value must be less than 32 seconds)
Jumper Selection	
Software Security <input type="radio"/> Off★ <input type="radio"/> On	

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