

Number of leads							
<input type="radio"/> 2-wire	<input type="radio"/> 3-wire	<input type="radio"/> 4-wire★		<input type="radio"/> 2-wire	<input type="radio"/> 3-wire	<input type="radio"/> 4-wire	
4 mA value:	<input type="radio"/> 0 °C★	<input type="radio"/> ___ °C	<input type="radio"/> ___ °F	<input type="radio"/> ___ °R	<input type="radio"/> ___ mV	<input type="radio"/> ___ K	<input type="radio"/> ___ Ohms
20 mA value:	<input type="radio"/> 100 °C	<input type="radio"/> ___ °C	<input type="radio"/> ___ °F	<input type="radio"/> ___ °R	<input type="radio"/> ___ mV	<input type="radio"/> ___ K	<input type="radio"/> ___ Ohms

Rosemount X-well™ Technology temperature measurement configuration ⁽¹⁾ (PT option required)			
<input type="radio"/> Standard		<input type="radio"/> Custom ⁽²⁾	
Pipe material	Pipe schedule	Pipe material: _____	
<input type="radio"/> Carbon steel	<input type="radio"/> 40	Pipe schedule: _____	
<input type="radio"/> Painted carbon steel	<input type="radio"/> 80	Pipe size: _____	
<input type="radio"/> 304 stainless steel	<input type="radio"/> 120		
<input type="radio"/> 316 stainless steel		Pipe conduction coefficient⁽³⁾: _____ (value must be between 0 and 1)	

1. 4-wire sensor configuration required for Rosemount X-well Technology.
2. For custom configuration, consult factory with pipe material, pipe size and pipe schedule for the appropriate pipe conduction coefficient.
3. Internal use only

Note
Custom configuration information below this note requires C1 option code.

Transmitter information			
Damping	<input type="radio"/> 0 Seconds	<input type="radio"/> 5 Seconds★	<input type="radio"/> Other ⁽¹⁾ : _____
LCD display (selections with multiple variables will be alternating)		Rosemount X-well LCD display option	
<input type="radio"/> Analog output and primary variable	<input type="radio"/> Percent of range	<input type="radio"/> Sensor 1 and surface temperature	
<input type="radio"/> Sensor 1, Sensor 2, and differential temperature	<input type="radio"/> Sensor 1 temperature	<input type="radio"/> Sensor 1 and surface temperature and analog output	
<input type="radio"/> Sensor 1 and Sensor 2 temperature	<input type="radio"/> Sensor 2 temperature		
<input type="radio"/> Average temperature	<input type="radio"/> Analog output		
<input type="radio"/> Differential temperature	<input type="radio"/> Not used		
<input type="radio"/> Primary variable			
Descriptor	<input type="checkbox"/> _____ (16 characters maximum)		
Message	<input type="checkbox"/> _____ (32 characters maximum)		
<input type="radio"/> Date	Day __ (numeric)	Month ___ (alphabetic)	Year __ (numeric)
Jumper selection			
Failure mode	<input type="radio"/> High★	<input type="radio"/> Low	
Software security	<input type="radio"/> Off★	<input type="radio"/> On	

1. 0.5 to 32 in 0.1 second increments for single sensor, 1.0 to 32 in 0.1 second increments for dual sensor.

Signal selection

4–20 mA with simultaneous digital signal based on HART protocol★

Burst mode of HART digital process variable

Burst mode output options:

Primary variable in engineering units

Primary variable in percentage of range

All dynamic variables in engineering units and the primary variable mA value

Multidrop communication (not applicable for safety certified transmitter)

Note: This option fixes the transmitter’s analog output at 4 mA.

_____ provide transmitter address (1★–15)

Note: The default transmitter address is 1 if multidrop communication is selected.

Alarm and saturation values

Rosemount standard^H

NAMUR-compliant⁽¹⁾.

Custom (field left blank will default to Rosemount standard values)

High alarm level _____ mA (must be between 21.0 and 23.0 mA)

Low alarm level _____ mA (must be between 3.5 and 3.75 mA)

High saturation level _____ mA (must be between 20.5 to 20.9 mA)

Low saturation level _____ mA (must be between the low alarm value plus 0.1 mA and 3.9 mA, minimum 3.7 mA)

1. Available with option code A1 or CN.

For more information: www.Emerson.com

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