

Rosemount™ 5408 and 5408:SIS Level Transmitters Configuration Data Sheet

★ = Default Value

☐ Select only one of the items provided

☐ One or more of the listed items can be selected

Customer information	
Customer: _____	Contact Name: _____
P.O./Reference No: _____	Fax No./Email: _____
Phone No.: _____	P.O. Line Item: _____
Model No.: _____	
Customer Sign-off: _____	

Tagging
Hardware Tag: _____ (21 characters maximum)
Short Software Tag: _____ (8 characters maximum)
Long Software Tag: _____ (32 characters maximum)

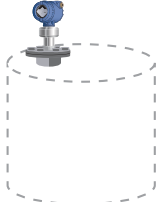
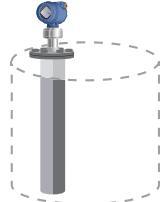
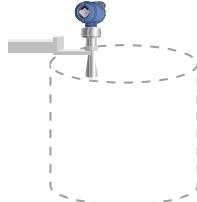
Transmitter information
Descriptor: _____ (16 characters maximum)
Message: _____ (32 characters maximum)
Date: _____ (32 characters maximum)

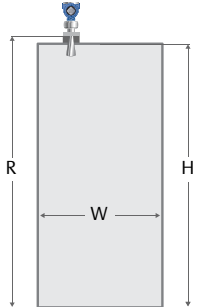
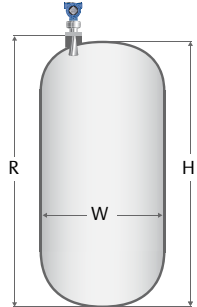
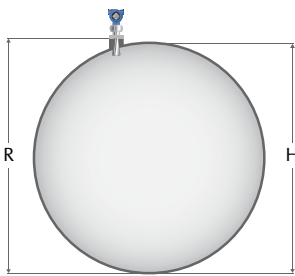
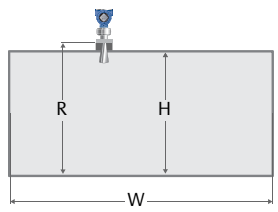
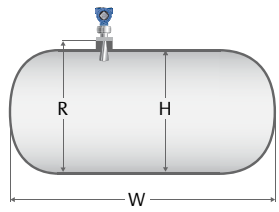
Variable mapping	
Primary Variable (PV) Assignment: ☐ Level★ ☐ Volume ⁽¹⁾ ☐ Distance Lower Range Value (0%): _____ Upper Range Value (100%): _____	Secondary Variable (SV) Assignment: ☐ None★ ☐ Signal Quality ⁽²⁾ ☐ Level ☐ Level Rate ☐ Distance ☐ Signal Strength ☐ Volume ☐ % of Range Primary Variable ☐ Electronics Temperature
Third Variable (TV) Assignment: ☐ None★ ☐ Signal Quality ⁽²⁾ ☐ Level ☐ Level Rate ☐ Distance ☐ Signal Strength ☐ Volume ☐ % of Range Primary Variable ☐ Electronics Temperature	Fourth Variable (QV) Assignment: ☐ None★ ☐ Signal Quality ⁽²⁾ ☐ Level ☐ Level Rate ☐ Distance ☐ Signal Strength ☐ Volume ☐ % of Range Primary Variable ☐ Electronics Temperature

1. Not available as Primary Variable (PV) for Rosemount 5408:SIS.

2. Only available with DA1 "Smart Diagnostics Suite".

Unit related information		
Length Units:	Volume Units:	Temperature Units:
☐ feet ☐ centimeters	☐ cubic feet ☐ oil barrels	☐ °F ☐ °C
☐ inches ☐ millimeters	☐ cubic inches ☐ cubic meters	
☐ meters	☐ US gallons ☐ liters	

Mounting type		
☐ Nozzle* 	☐ Still Pipe 	☐ Bracket (open air) 
Pipe Inner Diameter: _____		

Tank shape and Geometry		
☐ Vertical cylinder 	☐ Vertical cylinder (bullet ends) 	☐ Spherical tank 
Reference height (R): _____	Reference height (R): _____	Reference height (R): _____
Height of tank (H) ⁽¹⁾ : _____	Height of tank (H) ⁽¹⁾ : _____	Height of tank (H) ⁽¹⁾ : _____
Width of tank (W) ⁽¹⁾ : _____	Width of tank (W) ⁽¹⁾ : _____	
☐ Horizontal cylinder 	☐ Horizontal cylinder (bullet ends) 	
Reference height (R): _____	Reference height (R): _____	
Height of tank (H) ⁽¹⁾ : _____	Height of tank (H) ⁽¹⁾ : _____	
Width of tank (W) ⁽¹⁾ : _____	Width of tank (W) ⁽¹⁾ : _____	

1. Optional, only applicable for volume calculation by tank dimensions.

Volume calculation (if applicable)

Volume is calculated based on ideal tank shapes or by a strapping table.

Volume calculation method: ☐ None* ☐ Tank dimensions ☐ Strapping table (must complete strapping table)

Strapping table

Strap point number	Level	Volume
1 (Bottom of Tank)		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Environment

Process conditions: ☐ Foam ☐ Turbulent surface

Maximum Level Rate: ☐ Default* ☐ 6 ft (2 m)/hour ☐ 6 ft (2 m)/min ☐ 40 ft (12 m)/hour ☐ 40 ft (12 m)/min
☐ 12 ft (4 m)/hour

Product Dielectric Range: ☐ Default* ☐ < 2.5 (e.g. oil based) ☐ 2.5-4.0 (e.g. oil based) ☐ 4.0-10.0 (e.g. alcohol, acids) ☐ >10.0 (e.g. water based)

LCD display configuration - only if M5 "LCD Display" is ordered

☐ Default* ☐ User selectable:

☐ Level ☐ Distance ☐ Volume ☐ Electronics Temperature

☐ Signal Quality⁽¹⁾ ☐ Level Rate ☐ Signal Strength ☐ % of Range Primary Variable

1. Only available with DA1 "Smart Diagnostics Suite".

Write protection

Software Write Protect: ☐ Enabled ☐ Disabled*

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