

System information

In order to be able to correctly configure and assemble the parts of the system, the System Configuration Data Sheet must be filled in. It is also necessary to provide drawings of the tank farm layout with proposed location of level gauges, field displays, tank hubs, system hubs, field bus modems, Rosemount™ TankMaster etc.

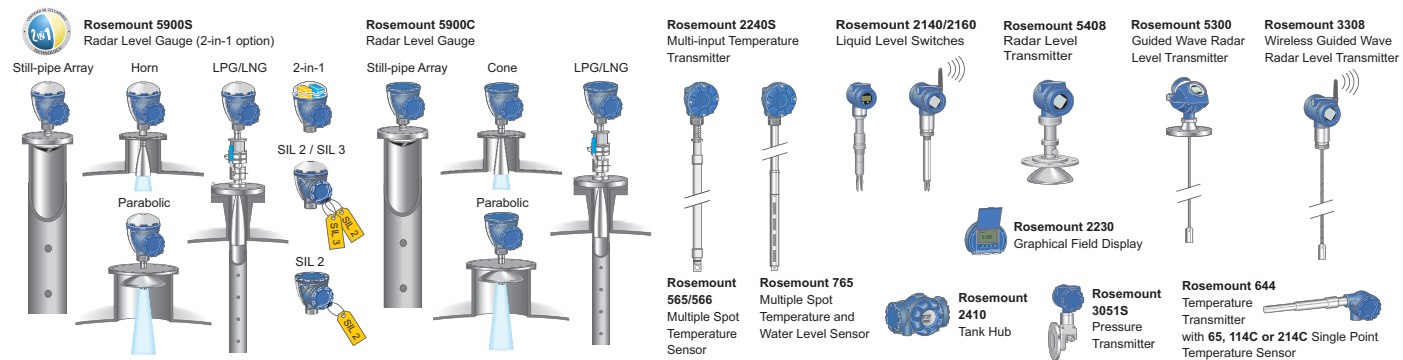
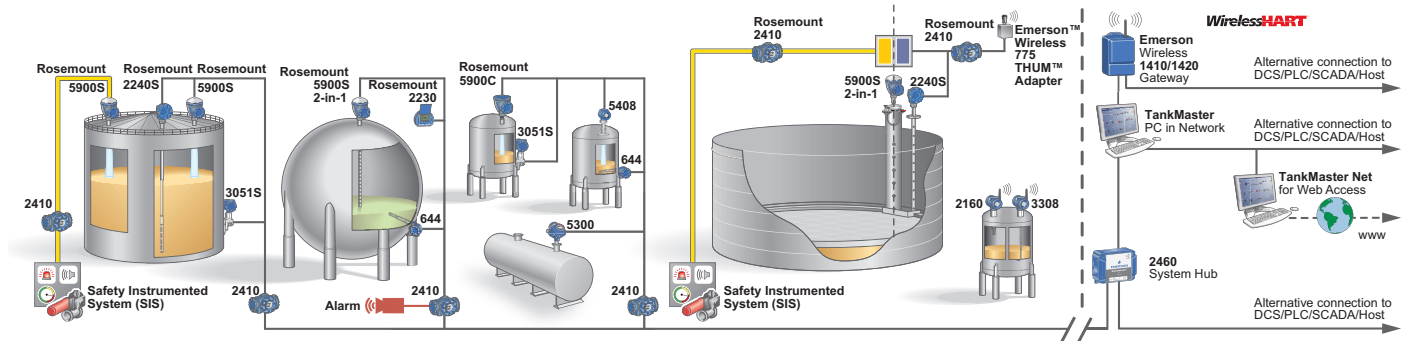
Note

The information on this form is used for tagging signs, temperature sensor specification and wireless network information only. No setting of device data base is done based on information on this data sheet.

Please state all distances in metric units.

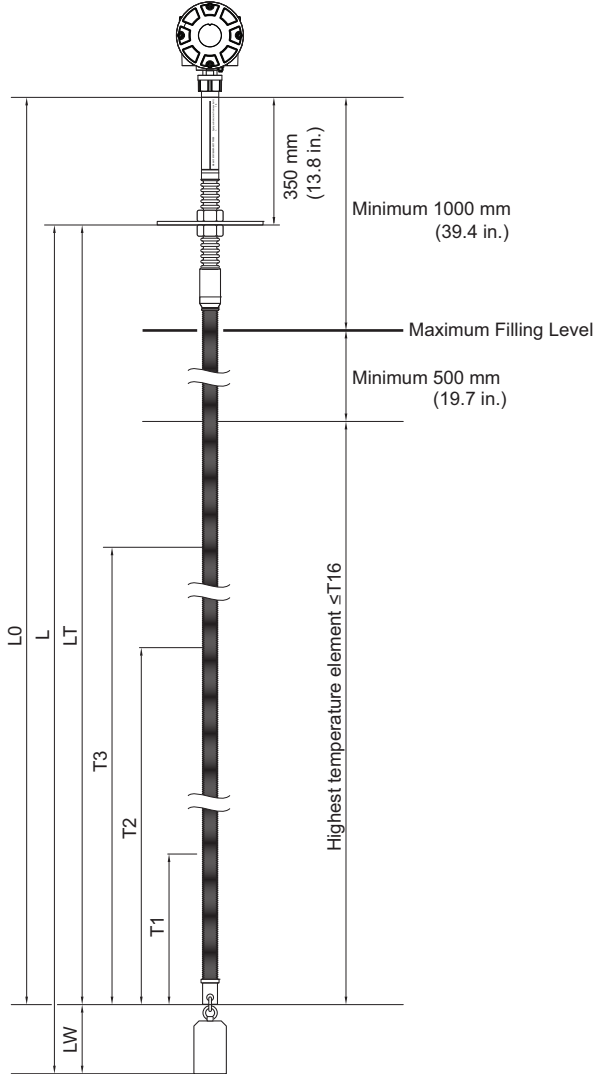
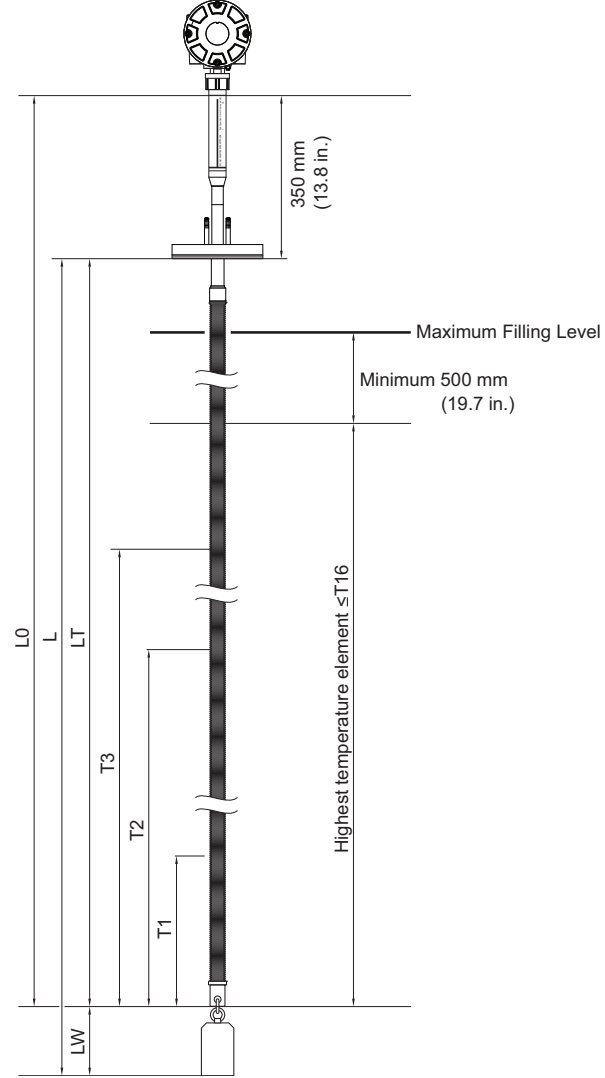
Customer information	
Rosemount Tank Gauging system number: _____	Installation site: _____
Total number of tanks: _____	Year and month: _____
End customer: _____	Contact name: _____
Telephone: _____	P.O. Reference No: _____
Customer sign-off: _____	
Email address: _____	

System overview

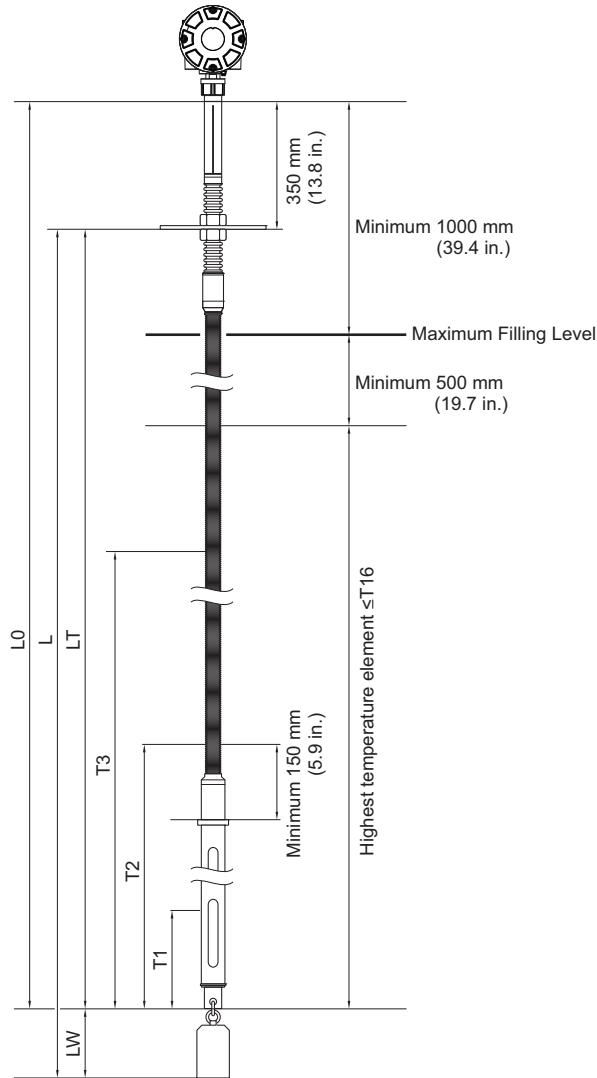


Tank name	Antenna type	Tank product	Tank height (mm)	Radar tag name	2410 hub tag name	2240 temp Tx tag name	2230 display tag name	Note

Tag/Tank name	L0 Temp sensor length include WLS (mm)	Position of temperature spot elements from sensor bottom end (mm)							
		T1	T2	T3	T4	T5	T6	T7	T8
		T9	T10	T11	T12	T13	T14	T15	T16
		T1	T2	T3	T4	T5	T6	T7	T8
		T9	T10	T11	T12	T13	T14	T15	T16
		T1	T2	T3	T4	T5	T6	T7	T8
		T9	T10	T11	T12	T13	T14	T15	T16
		T1	T2	T3	T4	T5	T6	T7	T8
		T9	T10	T11	T12	T13	T14	T15	T16
		T1	T2	T3	T4	T5	T6	T7	T8
		T9	T10	T11	T12	T13	T14	T15	T16

Rosemount 565 Multiple Spot Temperature Sensor	Rosemount 566 Multiple Spot Temperature Sensor for Cryogenic Use (NL-Cryo)
	
<p>L = Distance from nozzle top to tank bottom</p> <p>LW = Height of weight</p> <p>LT = Length of sensor in tank</p> <p>L0 = Total length of sensor (LT + 350 mm)</p> <p>Where: 350 = Distance from top of sensor to middle of the thread (exact position of flange can be adjusted ± 125 mm (4.92 in.) mm at installation using the nuts and the 257 mm (10.1 in.) thread length</p> <p>Lowest temperature spot (T1) 500 - 1000 mm (19.7 - 39.4 in.) above tank bottom, minimum 150 mm (5.9 in.) from eye bolt in end of sensor</p> <p>Highest temperature spot 500 - 1000 mm (19.7 - 39.4 in.) below maximum level, minimum 1000 mm (39.4 in.) from top of sensor</p>	<p>L = Distance from nozzle top to tank bottom</p> <p>LW = Height of weight</p> <p>LT = Length of sensor in tank</p> <p>L0 = Total length of sensor (LT + 350 mm)</p> <p>Where: 350 = Distance from top of sensor to bottom of flange</p> <p>Lowest temperature spot (T1) 500 - 1000 mm (19.7 - 39.4 in.) above tank bottom, minimum 150 mm (5.9 in.) from eye bolt in end of sensor</p> <p>Highest temperature spot 500 - 1000 mm (19.7 - 39.4 in.) below maximum level, minimum 1000 mm (39.4 in.) from top of sensor</p>

Rosemount 765 Multiple Spot Temperature Sensor with Water Level Sensor



L = Distance from nozzle top to tank bottom

LW = Height of weight

LT = Length of sensor in tank (including WLS)

L0 = Total length of sensor (LT + 350 mm)

Where:

350 = Distance from top of sensor to middle of the thread (exact position of flange can be adjusted ± 125 mm (4.92 in.) mm at installation using the nuts and the 257 mm (10.1 in.) thread length

Lowest temperature spot (T1) 500 - 1000 mm (19.7 - 39.4 in.) above tank bottom, minimum 300 mm (11.8 in.) from eye bolt in end of WLS

Highest temperature spot 500 - 1000 mm (19.7 - 39.4 in.) below maximum level, minimum 1000 mm (39.4 in.) from top of sensor

Wireless network design (if included)

For more help on pre-planning of a Tank Gauging Wireless network see the Rosemount Tank Gauging Wireless System [Reference Manual](#) (document number 00809-0100-5200). Tools to be used are a scaled sketch of the installation site and **AMS Wireless SNAP-ON™ Software**.




Rule of 5 Found to be OK: ☺ Comments: _____

Rule of 3 Found to be OK: ☺ Comments: _____



Rule of 25% Found to be OK: ☺ Comments: _____

Make a small sketch of the planned Wireless Network or send a copy of the SNAP-ON design picture




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