



# ROSEMOUNT™ X-WELL™ TECHNOLOGY WITH THE ROSEMOUNT 3144S TEMPERATURE TRANSMITTER

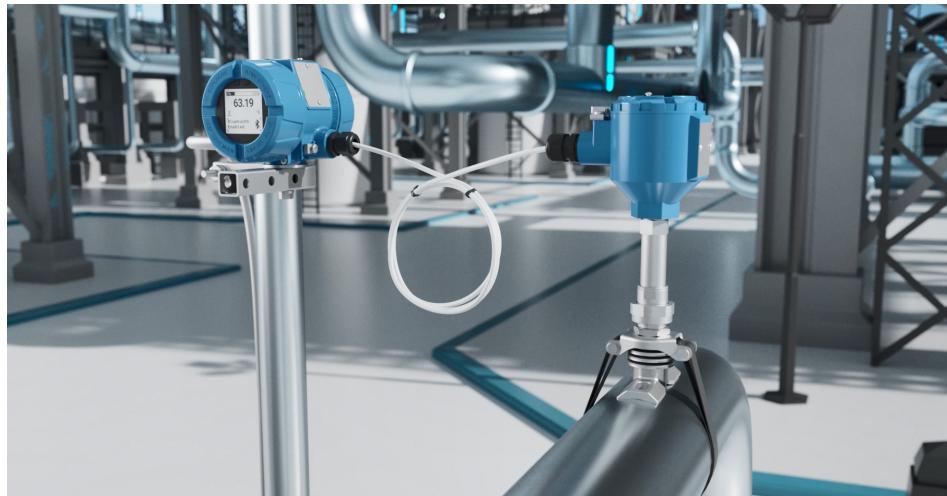
Non-intrusive process temperature measurement in high temperature applications.



## Rosemount X-well Technology with the Rosemount 3144S Temperature Transmitter

Rosemount™ X-well™ Technology measures process temperature accurately and reliably without a thermowell or process penetration. It measures pipe and secondary temperatures, which it uses to calculate process temperature via a thermal conductivity algorithm created by Emerson, the first company to develop non-intrusive process temperature measurement.

When paired with the [Rosemount 3144S Temperature Transmitter](#), you can access high temperature applications, mount the transmitter remotely or directly, and measure in Safety Instrumented Systems (SIS) applications.



**Does Rosemount X-well meet your application's needs?** Input your process conditions into our [Temperature Product Advisor tool](#) and receive performance comparisons and time response calculations to help determine if Rosemount X-well Technology is a good fit for your application.

### Measure up to 650°C (1202°F)

When using Rosemount X-well Technology with the Rosemount 3144S Temperature Transmitter, you can measure process temperature in applications with temperatures up to 650°C (1202°F), allowing for non-intrusive process temperature measurements on a wider range of applications.

### Remote Mount Capable

Mount your Rosemount 3144S Transmitters where you want for easy access and optimal display visibility.

### Safety Assurance

Rosemount X-well Technology with the Rosemount 3144S Temperature Transmitter is available with SIL2 certification (to IEC 61508) and SIL3 capability to help ensure your application's safety needs are met.

For more information, visit  
[Emerson.com/Rosemount-X-well](#)

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