

Easy configuration with new 80 GHz compact radar transmitters for level measurement

- **High-frequency radar ensures reliable readings in challenging environments**
- **Optional HMI delivers easy commissioning and diagnostic support**
- **Wide range of liquids and solids applications in practically all market segments including energy, mining, aggregates and water**

Siemens presents two new additions to the Sitrans LR100 series of 80 GHz radar transmitters. These high-frequency, compact transmitters deliver robust, reliable measurements even in the most challenging environments. Both deliver fast and easy setup. Sitrans LR140 features 4-20 mA simplicity and is configured via Bluetooth wireless technology and the Sitrans mobile IQ App.

Sitrans LR150 offers a four-button user interface on an optional HMI for configuration or monitoring. Configuration is also available via Bluetooth wireless technology and the Sitrans mobile IQ App or remotely with 4-20 mA/HART using Simatic PDM.

The easy-to-use Quick Start Wizard will have the transmitter operational in minutes. Custom microchip technology delivers fast response and extremely high sensitivity to detect even the weakest of signals.

Reliable readings mean reduced operator exposure to hazardous situations: no need to climb tanks, lean out over sumps, or crawl into confined spaces to maintain instruments. Zero blanking distance allows measurement right up to the sensor, thereby avoiding costly overfilling. And two-millimeter accuracy enhances operational safety through precise measurement through the full range of the application.

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All this robust performance is wrapped in a submersible housing constructed of corrosion-resistant materials.

Integrating critical level readings or process control data into operations can unlock new opportunities to react to safety concerns, analyze processes and identify areas for improvement. Users can monitor level measurements or diagnostic and maintenance information from the comfort of the control room or connect to Siemens MindSphere, the cloud-based, open IoT operating system or any other IoT solution of your choice.



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This press release and a press picture, please see <https://sie.ag/32ZMCDS>

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