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ABB India opens first smart instrumentation factory in Bengaluru

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The new plant will manufacture field devices such as pressure and temperature transmitters



ABB Measurement & Analytics recently opened its first smart instrumentation factory in Bengaluru to support the region's ambition of transforming into a global design and manufacturing hub.

Aligned with the local government's 'Make in India' programme aimed at supporting local economy, the factory is equipped with state-of-the-art manufacturing technology to meet the growing demand for instrumentation devices that enables more efficient and sustainable customer operations.

The new plant will manufacture field devices such as pressure and temperature transmitters, IP convertors and electromagnetic flowmeters for a wide variety of industries, including power, oil and gas, pharmaceutical, water and other segments.

The new factory uses a unique digital production management system across all production lines and offers enhanced connectivity through ABB's Manufacturing Execution System (MES), an IoT enabler, making processes seamless and paperless with complete cybersecurity. The factory also features innovative first-of-its kind automated welding, enabling significant improvement in productivity and superior quality. The modular production flow design increases flexibility and enables additional manufacturing capacities for the introduction of new products in line with future customer expectations.

In alignment with India's manufacturing ambition, the factory will deliver best-in-class measurement solutions to local customers while fulfilling export demand with accreditation from the Directorate of Foreign Trade (DOFT).