



Radar level sensors from VEGA: The smart choice for standard processes

Simple, smart and reliable – these characteristics have enabled the BASIC series of [VEGAPULS](#) radar sensors to establish itself as the benchmark in level measurement technology since its market launch in 2020. Compact, attractively priced and technologically superior, the sensors are setting a clear trend in process automation.

VEGA is now celebrating a milestone: The 500,000th BASIC radar sensor was recently delivered to a European company specializing in sustainable building materials. There, a [VEGAPULS 31](#) precisely measures levels in bulk solids silos – despite dust, noise and coarse material. Clear evidence of what has distinguished the sensor series from the very beginning: reliable measurement technology for typical applications – with minimal installation effort.

With its specially developed 80-GHz radar chip, robust housing materials like PVDF, fully encapsulated electronics and industrial-grade PUR cabling, the series is designed for the toughest conditions – for example in water management, chemicals or bulk material logistics. VEGA is currently the only supplier offering radar level sensors with fully encapsulated electronic components and connection cables. This enables deployment in hazardous areas of Zones 1 and 2 – without additional barriers and special accessories.

“When we started, our primary focus was on the [water](#) and [wastewater sector](#). But it quickly became apparent that all industries that process liquids or bulk solids want more cost-effective and reliable solutions for their peripheral applications,” explains Jürgen Skowaisa, product manager at VEGA. The overwhelming response shows: the concept works. The BASIC series complements the high-end instruments of the PRO series and thus closes a crucial gap.

The series also impresses users with its simplicity during commissioning and operation: The free [VEGA Tools](#) app offers intuitive setup via smartphone – including backup and diagnostic functions, without any additional software or licence costs.

With VEGAPULS 11, 21, 31 and the C versions with cable, a complete portfolio for standard measuring points is now available. Its recipe for success? Everything but complicated.

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www.vega.com