Wireless communication between processes and sensors

To stay competitive nowadays, companies have to constantly keep an eye on critical process factors. The PLICSCOM display and adjustment module makes it easy to operate VEGA level sensors wirelessly via Bluetooth and ensures user-friendly measured value transmission even in hard-to-reach places or under safety-critical conditions.

VEGA sensors with Bluetooth function are ideal for use in tall silos or tanks, in remote areas and even in Ex-hazardous areas. On-site operation is now even easier with PLICSCOM, the wind and weather proof adjustment tool: simply insert it into the instrument and snap it into place, then download the VEGA Tools app and get started! A magnetic pen allows contactless operation of the control keys right through the closed lid.

But distances and challenging environments are just two of the challenges. A perfect relationship between process and measuring instrument begins at a much earlier stage. How resistant are the process sensors to interfering signals? How adaptable are they to the particular application? VEGAPULS 69 and 64 sensors with 80-GHz transmission frequency are proving their worth in bulk solid as well as liquid applications, even in media with poor reflective properties, in conveyance shafts up to 120 m deep and in silos with numerous internals generating strong false echoes. The compact design is a real plus, especially for the pharmaceutical and food industry: with an antenna small enough to be mounted in the neck of a bottle, these sensors determine the level with high precision – right down to the bottom of any container.

At this year's SPS IPC Drives, VEGA will be showing what constitutes a harmonious relationship between process and measuring instrument – and how simple a perfect long-distance relationship can be. Visit us at SPS IPC Drives in Nuremberg, Hall 7A, Booth 102. We look forward to seeing you there.

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