



VEGA Instrumentation provides world-class solutions for commercial and industrial customers seeking reliable measurement, easy operation, and room for future expansion. The standard portfolio covers compact instruments for point level (**VEGAPOINT 11**), continuous level (**VEGAPULS C 11**), and pressure measurement (**VEGABAR 39**), together with local display and control (**VEGAMET 841**). Special-order options include alternative process connections for standard and hygienic applications, explosion-protected versions, extended measuring ranges, and relevant international certifications and approvals. For more demanding applications, **VEGAPULS 6X** and **VEGAFLEX 81** are available on order, with additional VEGA hydrostatic and vibration-based instruments available on request. **Bluetooth** wireless access simplifies commissioning and operation of **VEGAPULS** instruments on high silos and other hard-to-access installations. Depending on model, the instruments offer robust dust- and water-resistant protection with IP66 or higher ratings. All field instruments operate on 12/24 V DC, while **VEGAMET 841** can be powered from AC mains or 24V DC power supply.

VEGAPULS Non-contact Continuous Level Measurement



VEGAPULS C 11 provides maintenance-free radar level measurement for liquids and bulk solids, with reliable accuracy unaffected by measured medium and process conditions. Supplied with a 10m cable, it is ideal for water and wastewater, open channel flow, grain and cereal silos, and aggregate storage.

Process Limits	60°C, 3 bar
Measuring Range	Up to 10m, Accuracy ≤ 5 mm
Output Signal	4-20 mA



VEGAPULS 6X is a high-performance radar sensor for liquids and bulk solids in demanding applications. Available on special order with multiple antenna options, it is suited to extreme temperatures, high pressures, aggressive media, hygienic processes, and bulk solids

Process Limits	450°C, 160 bar
Measuring Range	Up to 120m, Accuracy ≤ 1 mm
Output Signal	4-20 mA/HART, Modbus

VEGABAR Pressure Measurement



VEGABAR 39 is a universal pressure sensor for gases, vapours, and liquids, with an integrated switching function and display. Typical uses include pressure monitoring, hydraulics, compressed air and gas systems, hydrostatic level measurement, and CIP/SIP in food and beverage, chemical, and utility applications.

Process Limits	130°C, 60 bar
Measuring Range	-1 to 60 bar
Output Signal	4-20 mA + Transistor Switch

VEGAFLEX Guided Wave Radar Level Measurement



VEGAFLEX 81 is a guided wave radar for reliable level and interface measurement in liquids, even under challenging process conditions including steam, foam, build up or condensation. Available on order for separators, storage tanks, chemical and pharmaceutical processes, and other demanding applications

Process Limits	200°C, 40 bar
Measuring Range	Up to 75m, Accuracy ≤ 2 mm
Output Signal	4-20 mA/HART, Modbus

VEGAPOINT Point Level Detection Switch



VEGAPOINT 11 is a compact capacitive level switch for reliable detection of water-based liquids. It features 360° status indication and delivers maintenance-free operation with precise switching. Its compact design makes it well suited to small pipelines and hygienic installations. Typical uses include overflow and dry-run protection, tank level alarms, and pipeline detection in food, pharmaceutical, water treatment, and chemical dosing processes.

Process Limits	100°C, 25 bar
Measuring Range	IP69
Output Signal	Transistor Switch + IO-Link

VEGAMET Process Display and Controller



VEGAMET 841 is a field-mounted controller and display unit that powers, processes and displays measurements from compatible sensors such as **VEGAPULS** and **VEGABAR**. It supports pump control, totalising flow calculations and limit monitoring, making it well suited for pump control, overflow protection, open channel and weir flow measurement, remote display/SCADA interfacing and batching applications.

Process Limits	100-230 Vac / 24-65 Vdc
Measuring Range	1 x 4-20 mA
Output Signal	3 x Relay, 1 x 4-20 mA