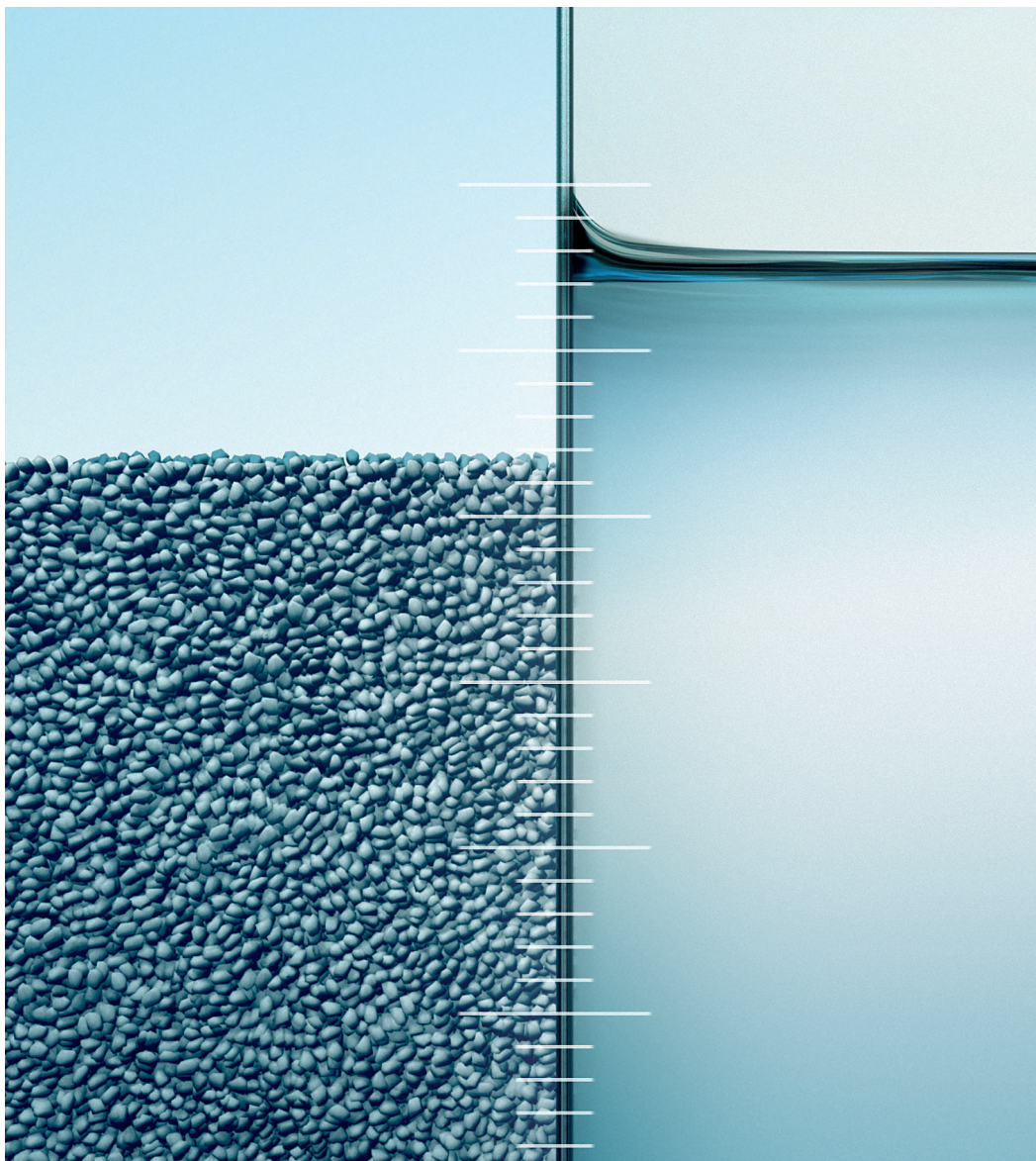


Take your process to the next level

A complete portfolio of level technologies, designed to provide maximum customer value, assures you will receive the right technology and solution for your application. Backed by over 50 years of experience and more than 2 million installed level devices around the globe, our experts work with you to understand your exact needs for your specific process.

- Fit-for-purpose level measurement solutions increase process efficiency, reliability and safety
- Personal consultation is available to thoroughly identify your needs and help you choose the right solution for your process
- Evaluate your options using online product tools

www.us.endress.com/level



Level measurement technology - fit for application

Continuous level measurement in liquids	Radar - 6/26/80GHz <ul style="list-style-type: none">Non-contact, maintenance-free measurementDetects product buildup for predictive maintenanceUnaffected by disturbances in the product surface & tank obstaclesFor temperatures up to +842°F	Guided Wave Radar <ul style="list-style-type: none">Unaffected by disturbances in the product surface & tank obstaclesPredictive maintenance due to process buildupAdditional measuring safety through End-of-Probe (EoP) recognition	Ultrasonic <ul style="list-style-type: none">Unaffected by disturbances in the product surface & tank obstaclesNon-contact, maintenance-free measurementCalibration without filling or dischargingSelf-cleaning effect	Hydrostatic <ul style="list-style-type: none">Unaffected by surface foamUnaffected by tank obstacles/tank geometriesSimple engineeringEstablished technology	Capacitance <ul style="list-style-type: none">Unaffected by surface foamUnaffected by tank obstacles/tank geometriesSimple engineeringEstablished technology	Radiometry <ul style="list-style-type: none">Non-contact measurement from outsideProvides reliable measurement even under the most challenging conditions	Servo <ul style="list-style-type: none">Unaffected by medium properties like conductivity or dielectric constantCustody transfer applications			
	Continuous level measurement in bulk solids	Radar - 26/80GHz <ul style="list-style-type: none">Non-contact, maintenance-free measurementPredictive maintenance due to process buildupUnaffected by product properties like densityUnaffected by temperature, filling noise and dust	Guided Wave Radar <ul style="list-style-type: none">Unaffected by product surface or baffles in silosPredictive maintenance due to process buildupAdditional safety by End-of-Probe evaluationSafe measurement during filling	Ultrasonic <ul style="list-style-type: none">Non-contact, maintenance-free measurementCalibration without filling or dischargingCost-effective for silo farms with FMU95 multichannel systemSelf-cleaning effect	Electromechanical <ul style="list-style-type: none">Unaffected by product propertiesLight bulk solidsUnaffected by DC value	Radiometry <ul style="list-style-type: none">Non-intrusive measurement from outsideProvides reliable measurement even under the most challenging conditions	Online tools <div>Applicator<p>Quickly find the “best-fit” product for your application with this online tool for selection and sizing the appropriate measuring instrument.</p><p>www.endress.com/applicator</p></div> <div>Rep Finder<p>We partner with a network of representatives who work closely with customers from various industries. Find your local Endress+Hauser partner.</p><p>www.endress.com/rep-finder</p></div> <div>Operations App<p>Access to up-to-date product information and device details wherever you are, whenever you need it.</p><p>Available on the App Store GET IT ON Google play</p></div> <div>SmartBlue App<p>Access to device, diagnostics and process information with secure data transmission for fast and reliable configuration and maintenance.</p><p>Available on the App Store GET IT ON Google play</p></div>			
		Point level detection in liquids	Vibronic <ul style="list-style-type: none">Unaffected by mediaReady for use without calibrationSelf-monitoringIn-situ function testCan be used in turbulent and effervesce liquids	Capacitance <ul style="list-style-type: none">Simple commissioningVersatileReliable function independent of build-up	Conductive <ul style="list-style-type: none">Multipoint detection with one process connectionSimple instrumentation	Float switch <ul style="list-style-type: none">Solution for Ex area applications	Radiometry <ul style="list-style-type: none">Non-intrusive measurement from outside			
			Point level detection in bulk solids	Vibronic <ul style="list-style-type: none">Easy installationMaintenance-freeLarge variety of options, process connections and installation locations	Capacitance <ul style="list-style-type: none">Robust solution that has been proven in a number of installationsVersatile	Paddle <ul style="list-style-type: none">Measuring principle for simple applicationsCalibration not requiredRotation monitoring	Microwave barrier <ul style="list-style-type: none">Non-invasive in tanks penetrated by microwaves from outsideDirect assemblyMay also be used as a counter for individual items	Radiometry <ul style="list-style-type: none">Non-intrusive measurement from outsideProvides reliable measurement even under the most challenging conditions		
Density and interface measurement				Density measurement						Interface measurement
	Vibronic - Liquiphant <ul style="list-style-type: none">Calculation of customer specific unitsUseable in hygienic applicationsConnect up to 5 sensors to the FML621 density computer			Coriolis - Promass <ul style="list-style-type: none">Approval for custody transfer applicationsNo maintenance necessaryDirect measurement of density, temperature and mass flow provide maximum process dependability	Radiometry - Gammapiot <ul style="list-style-type: none">Straightforward retrofitting without process interruption; the pipes do not have to be openedCan be used in Newtonian as well as in Non-Newtonian fluids/media	Guided radar; FMP51/52/54 <ul style="list-style-type: none">Measure interface layer and total level simultaneouslyNot affected by the density of the mediumApplications up to +842°F/ +5,800psi	Capacitance; FMP55 <small>(guided wave radar + capacitance)</small> <ul style="list-style-type: none">Measure interface layer and total level simultaneously with emulsion presentIndependent of medium densityApplications up to +392°F	Capacitance; FMI51/52 <ul style="list-style-type: none">Not affected by the density of the mediumReliable indication in emulsion layersApplications up to +392°F/+1,450psi	Radiometry; 2-wire FMG50 <ul style="list-style-type: none">Non-invasive and maintenance-free measuring methodUnaffected by pressure and temperatureSolution for multiphase interface layers using several detectors	



Reliability and Safety by Design

- Predict potential systematic failure such as corrosion and buildup or detect foam with heartbeat technology



- Prevent systematic errors due to accidental parameter changes
- Continuous (and on demand) validation of instrument operation with Heartbeat Technology
- SIL - Declaration of Conformity according to IEC61508 and verified by an independent third party (TUV)



Simplicity and Ease of Use

- Use your smartphone or tablet to commission or communicate to your device. No need for multiple tools or updating DTMs
- Reduce Troubleshooting and maintenance downtime - problem and solution are identified by the instrument
- Intuitive HMI



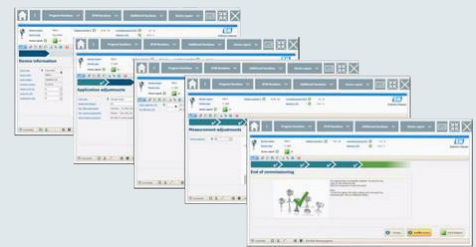
Productivity



- Improve installation and commissioning time of the instrument by 30% with setup via Bluetooth (no additional hardware needed)
- In-situ proof test with guided proof test wizard

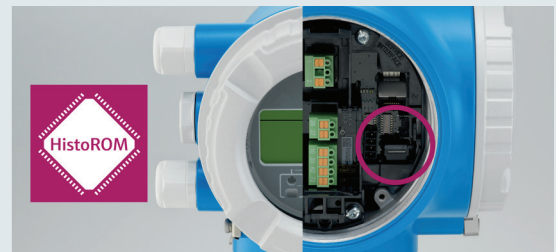
Commissioning wizard

- Improve commissioning efficiency by 30% through instrument led commissioning wizard
- Allows you to get up and running quickly with step-by-step guidance



HistoROM/Display

- Simplify commissioning of instruments in duplicate applications
- Track setting changes
- Reduce Maintenance Downtime
 - No need to re-commission devices if you replace the electronics
 - Storage of critical application data for easy troubleshooting



www.addresses.endress.com