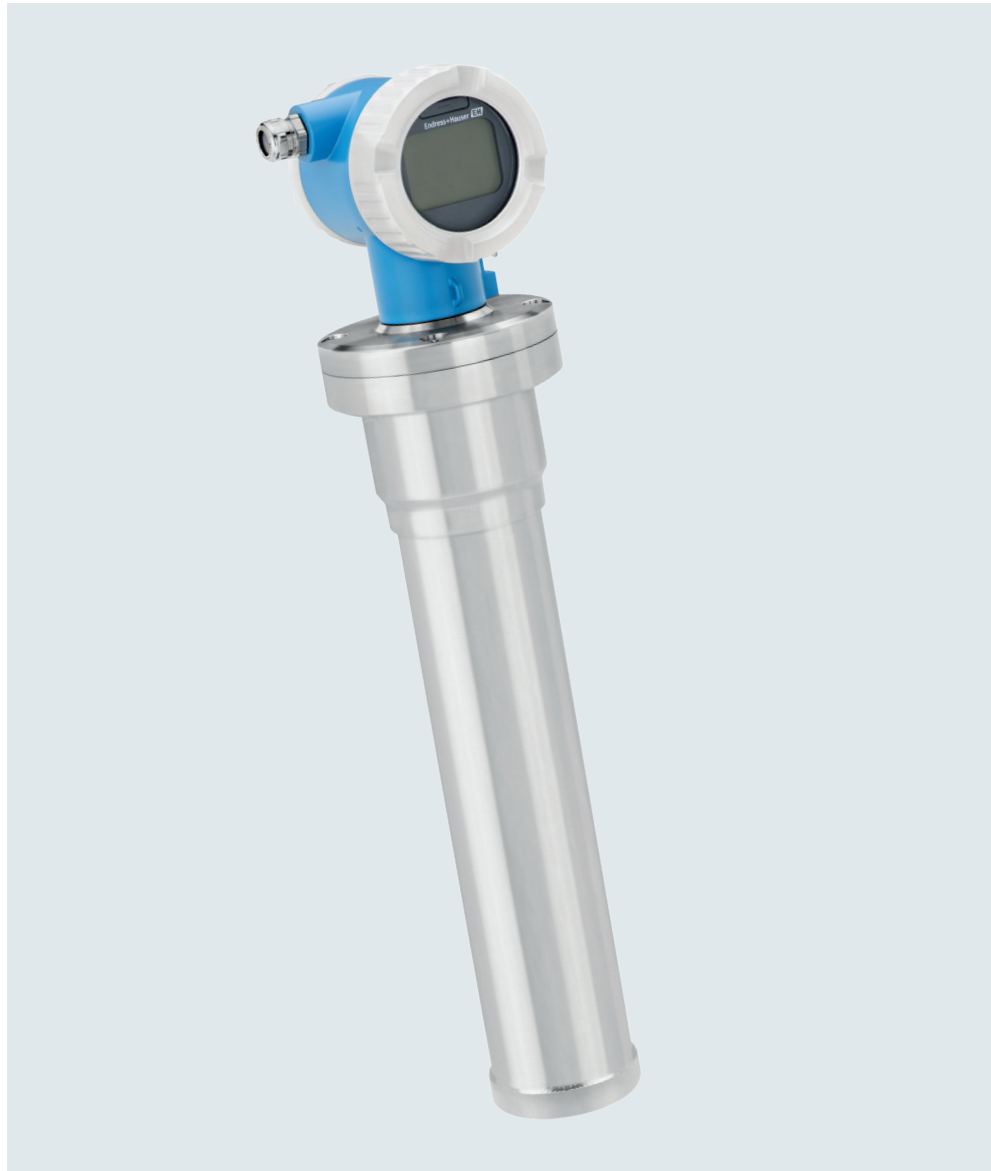
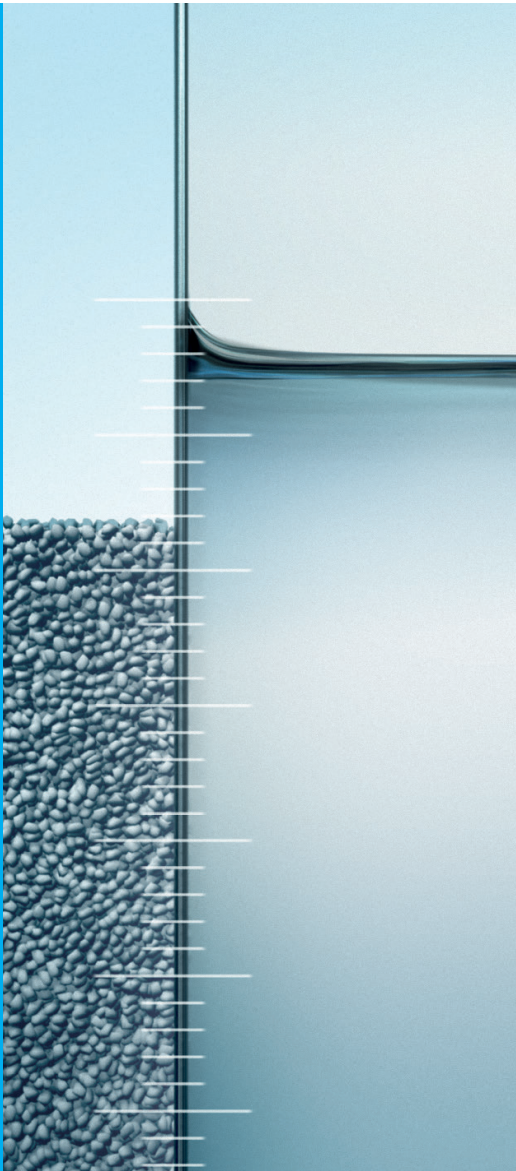


## GammapiLOT FMG50

The first 2-wire  
compact transmitter





As the first 2-wire loop-powered compact transmitter, the Gammapiilot FMG50 fits into a wide range of applications. Endress+Hauser is the pioneer in radiometric technology with over 50 years experience researching how to optimize the measuring principle to solve every extreme measuring task. With its compactness and safety, the new Gammapiilot surpasses previous radiometric measuring instruments solving all measuring tasks in one device.

#### Benefits at a glance

- Savings in engineering and installation thanks to innovative 2-wire technology
- Maximum safety, efficiency and availability due to development according to IEC 61508 for SIL2 and SIL3 in homogeneous redundancy
- Heartbeat Technology Verification uses constantly running diagnostic routines to verify the correct functioning of the device without process interruption
- Heartbeat Technology Monitoring provides relevant data for predictive maintenance
- Heartbeat Technology Diagnostics guarantees the safe plant operation with longer Proof test cycles thanks to permanent device diagnostics
- Innovative sensor technology for the use without additional water cooling ensures reduced installation and operating costs
- **Bluetooth®** wireless technology for easy operation out of the radiation beam
- Intuitive user interface with guided wizards for: commissioning, SIL Locking, SIL Proof test, Heartbeat Technology Verification, Heartbeat Technology Monitoring

#### Fields of application

The Gammapiilot FMG50 scores where other measuring principles reach their limits like high temperature, high pressure, corrosion, abrasion, viscosity or toxicity. Without contact to the medium, the Gammapiilot reliably measures from the outside through the walls of all kinds of process vessels such as reactors, autoclaves, separators, acid tanks or cyclones.

#### Technical data

- 4...20mA HART 2-wire technology
- Developed according to IEC 61508 for SIL2 and SIL3 for all measuring tasks (level, point level, density, interface and concentration measurement)
- Heartbeat Technology
- Ambient temperature range: -40°C up to + 80°C (-40°F up to +176°F)
- **Bluetooth®** wireless technology



[www.endress.com/gammapiilot-fmg50](http://www.endress.com/gammapiilot-fmg50)

[www.addresses.endress.com](http://www.addresses.endress.com)