

The simpler, the better.

The measuring devices
for anyone who wants
more of worrying less.

Micropilot FMR10B, FMR20B, FMR30B

Added values

Benefits at a glance

Industry focus

Product overview



At a glance: Micropilot FMR10B, FMR20B, FMR30B

The simpler, the better.

Radar sensors Micropilot FMR10B, FMR20B and FMR30B with 80 GHz technology score with maximum simplicity and the highest reliability.

They are made for continuous non-contact radar level measurement and are the perfect match for applications in the Water & Wastewater industry. They are also intended for use in basic applications in the Mining, Minerals & Metals industry and utilities across all industries.



Added Values

Micropilot FMR10B, FMR20B and FMR30B offer a simple and reliable solution in a wide range of applications.

The devices feature best-in-class simplicity thanks to guided setup sequences called wizards, status LED and display.

They offer the highest efficiency through Heartbeat Technology.

Simplicity

Efficiency



Easy to operate

The simpler, the better.

Simplify your installation process with a compact design. Simplify commissioning, operation and supervision thanks to remote and on-device access.

Simplicity

Efficiency



Easy operation ▾



Fast commissioning ▾



Straightforward device selection ▾

Easy to operate

The simpler, the better.

Simplify your installation process with a compact design. Simplify commissioning, operation and supervision thanks to remote and on-device access.

- Simplicity
- Efficiency



Easy operation ▾

Device identification during Bluetooth connection thanks to “It’s me-function” (LED flashing) and status indication via LED.

Easy procedure guaranteed by wizards also guiding through proof tests and verifications of the devices.



Fast commissioning ▾



Straightforward device selection ▾

Easy to operate

The simpler, the better.

Simplify your installation process with a compact design. Simplify commissioning, operation and supervision thanks to remote and on-device access.

- Simplicity
- Efficiency



Easy operation ▾



Fast commissioning ▾

Fast and easy commissioning thanks to step-by-step guided setup sequences (wizards) in less than three minutes.

Bluetooth connectivity enables easy, reliable and encrypted wireless remote access via smartphone or tablet.



Straightforward device selection ▾

Easy to operate

The simpler, the better.

Simplify your installation process with a compact design. Simplify commissioning, operation and supervision thanks to remote and on-device access.

Simplicity

Efficiency



Easy operation ▾



Fast commissioning ▾



Straightforward device selection ▾

One device fits all requirements for both liquid and solid applications. General suitability reduces storage costs for spare devices.

Reliable in use

Worry less with these devices.

Increase process efficiency with traceable measuring reliability. Increase productivity by ensuring process safety.

Simplicity

Efficiency



Reliability and reduced downtime ∨



Reduced installation effort ∨

Reliable in use

Worry less with these devices.

Increase process efficiency with traceable measuring reliability. Increase productivity by ensuring process safety.

Simplicity

Efficiency



Reliability and reduced downtime ▾

Heartbeat Technology allows documented, traceable and on-demand verification guided through wizard without process interruption. A device verification is performed in less than three minutes, without having to remove the device.



Reduced installation effort ▾

Reliable in use

Worry less with these devices.

Increase process efficiency with traceable measuring reliability. Increase productivity by ensuring process safety.

Simplicity

Efficiency



Reliability and reduced downtime ∨



Reduced installation effort ∨

Customized installation thanks to application specific accessories. 1:1 replacement makes integration of the devices easy.

Benefits at a glance

Benefit from the perfect match for your individual requirements. Find out which features make the Micropilot FMR10B, FMR20B and FMR30B easy to use and efficient.



Industry Focus

Thanks to their compact design, the Micropilot FMR10B, FMR20B and FMR30B are the perfect match for applications in the Water & Wastewater industry and for basic applications in the Mining, Minerals & Metals industry. Simple operation and suitability for liquids and solids make the devices a highlight for users in those applications.

Water & Wastewater

Metals, Mineral & Mining



Water & Wastewater

Universal solution for basic applications

The Micropilot FMR10B, FMR20B and FMR30B set your application in the right balance between compliance and efficiency by reducing complexity.

Sewer management

Open channel flow

Pump station / lift station

IBC and storage tanks



Industry Overview

Mining, Minerals & Metals

Water & Wastewater

Universal solution for basic applications

The Micropilot FMR10B, FMR20B and FMR30B set your application in the right balance between compliance and efficiency by reducing complexity.

Industry Overview

Mining, Minerals & Metals


Sewer managementOpen channel flowPump station / lift stationIBC and storage tanks

Your challenges

- Ex zone
- Narrow installation conditions
- Strong variety of media types
- Foam formation
- Condensate
- Flooding

Our solution

The Micropilot FMR20B is available in ATEX version. By enabling commissioning via Bluetooth, it is the perfect solution for limited-space applications. The option of a lateral cable outlet makes it even more suitable. Mounting brackets for the ceiling and flood protection tube ensure a reliable measurement, even under challenging conditions.



Water & Wastewater

Universal solution for basic applications

The Micropilot FMR10B, FMR20B and FMR30B set your application in the right balance between compliance and efficiency by reducing complexitiy.

Industry Overview

Mining, Minerals & Metals

Sewer management

Open channel flow

Pump station / lift station

IBC and storage tanks

Your challenges

- Changing weather conditions (sun, wind, rain, snow, condensation)
- Flooding

Our solution

The Micropilot FMR10B, FMR20B and FMR30B enable independence from environmental influences with an integrated flow calculation and the option of a flood protection tube and weather protection cover.



Water & Wastewater

Universal solution for basic applications

The Micropilot FMR10B, FMR20B and FMR30B set your application in the right balance between compliance and efficiency by reducing complexitiy.

Industry Overview

Mining, Minerals & Metals

Sewer management

Open channel flow

Pump station / lift station

IBC and storage tanks

Your challenges

- Narrow installation conditions
- Turbulent surface
- Foam
- Ex zone

Our solution

The Micropilot FMR20B and FMR30B benefit from 80 GHz technology, which allows highly accurate measurement regardless of installation and application conditions. The availability of the FMR20B and FMR30B in an ATEX version makes them even more applicable.



Water & Wastewater

Universal solution for basic applications

The Micropilot FMR10B, FMR20B and FMR30B set your application in the right balance between compliance and efficiency by reducing complexitiy.

Industry Overview

Mining, Minerals & Metals

Sewer management

Open channel flow

Pump station / lift station

IBC and storage tanks

Your challenges

- Ex zone
- Different media types
- Chemical resistance

Our solution

The Micropilot FMR10B (for ATEX) allows the installation directly on the inner side of the tank or measuring through the plastic tank, making it independent of media types and impacts.



Mining, Minerals & Metals

Reliable solution for solids

The Micropilot FMR10B, FMR20B and FMR30B help you master your challenges by enabling easy integration, selection and commissioning.

Industry Overview

Water & Wastewater

Silos

Bunker and stock piles



Mining, Minerals & Metals

Reliable solution for solids

The Micropilot FMR10B, FMR20B and FMR30B help you master your challenges by enabling easy integration, selection and commissioning.

Industry Overview

Water & Wastewater

Silos

Bunker and stock piles

Your challenges

- Strong variety in size and dc-value of the media
- Ex zone and dust

Our solution

The Micropilot FMR20B and FMR30B offer a range of individual options such as ATEX permission, approvals for food contact material, DN80 antenna providing smaller beam angle and stronger signal.



Mining, Minerals & Metals

Reliable solution for solids

The Micropilot FMR10B, FMR20B and FMR30B help you master your challenges by enabling easy integration, selection and commissioning.

Industry Overview

Water & Wastewater

Silos

Bunker and stock piles

Your challenges

- Changing weather conditions (sun, wind, rain, snow)
- Strong variety of grain sizes

Our solution

The weather protective cover for the Micropilot FMR10B, FMR20B and FMR30B protects against several environmental influences.



Product overview

Micropilot FMR10B, FMR20B and FMR30B

The product family of Micropilot FMR10B, FMR20B and FMR30B stands for simple and efficient level measurement in liquids and solids.

Micropilot FMR10B

Easy to use



Micropilot FMR20B

Simple and efficient



Micropilot FMR30B

Comfortable and reliable



Fast and easy commissioning thanks to guided set-up sequences (wizards)

Bluetooth connectivity enables easy, reliable and encrypted wireless remote access

Device identification during Bluetooth connection thanks to “It’s me-function” (LED/display flashing) and status indication via LED/display

Heartbeat Technology allows on-demand verification and diagnostics guided through wizard without process interruption

Comfortable on-site access via color touch display

 Visit the product website

 Visit the product website

 Visit the product website



Visit us on social media

