1 Safety instructions

1.1 Designated use

The Micropilot S is a compact level transmitter designed for continuous, non-contact level measurement of liquids, pastes and slurries. The operating frequency of approx. 6 GHz lies in a frequency band approved for industrial use. Its low pulse power of 1 mW (1 µ W ERP) allows safe installation in metallic and non-metallic vessels, with no risk to humans or the environment.

1.2 Installation, commissioning and operation

The Micropilot S has been designed to operate safely in accordance with current technical, safety and EU standards. If installed incorrectly or used for applications for which it is not intended, however, it is possible that application-related dangers may arise, e.g. product overflow due to incorrect installation or calibration. For this reason, the instrument must be installed, connected, operated and maintained according to the instructions in this manual: personnel must be authorised and suitably qualified. The manual must have been read and understood, and the instructions followed. Modifications and repairs to the device are permissible only when they are expressly approved in the manual.

1.3 Operation safety

Hazardous areas
If the device is to be installed in an explosion hazardous area, then the specifications in the certificate as well as all national and local regulations must be observed.
- Ensure that all personnel are suitably qualified.
- Observe the specifications in the certificate as well as national and local regulations.

FCC approval
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

A

Caution!
Changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

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