



Level



Pressure



Flow



Temperature



Liquid
Analysis



Registration



Systems
Components



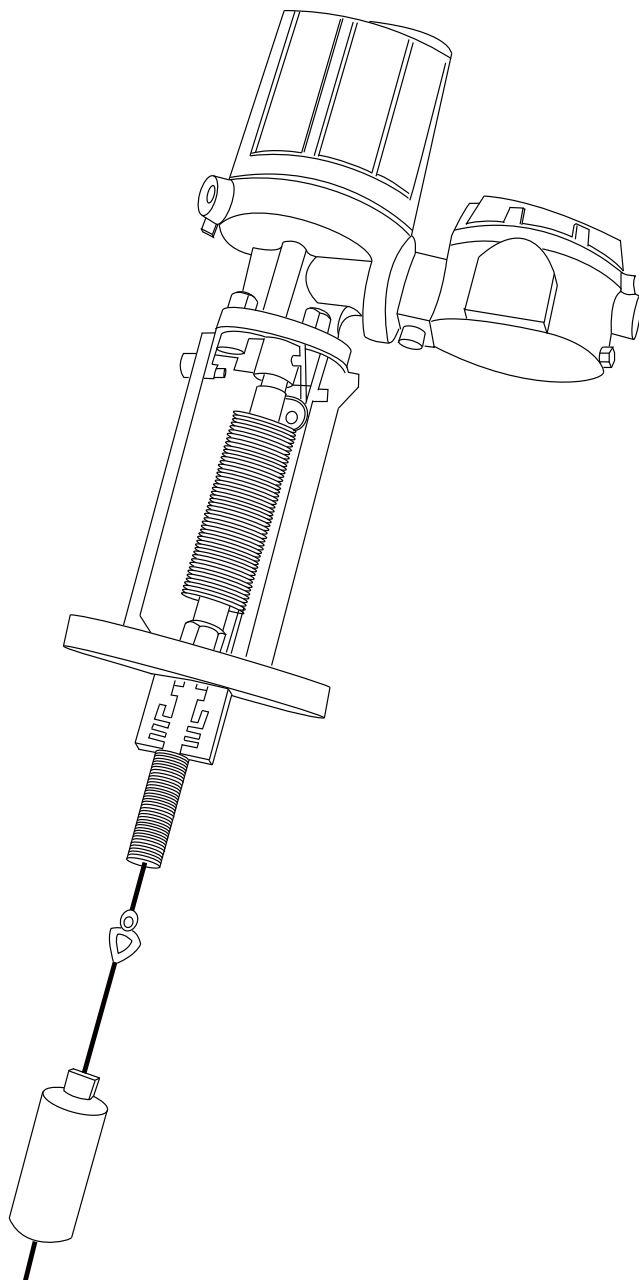
Services



Solutions

Operating Instructions

Level Switch MPC2000 MPC2



Basic device layout of the Magnet Level Switch MPC2

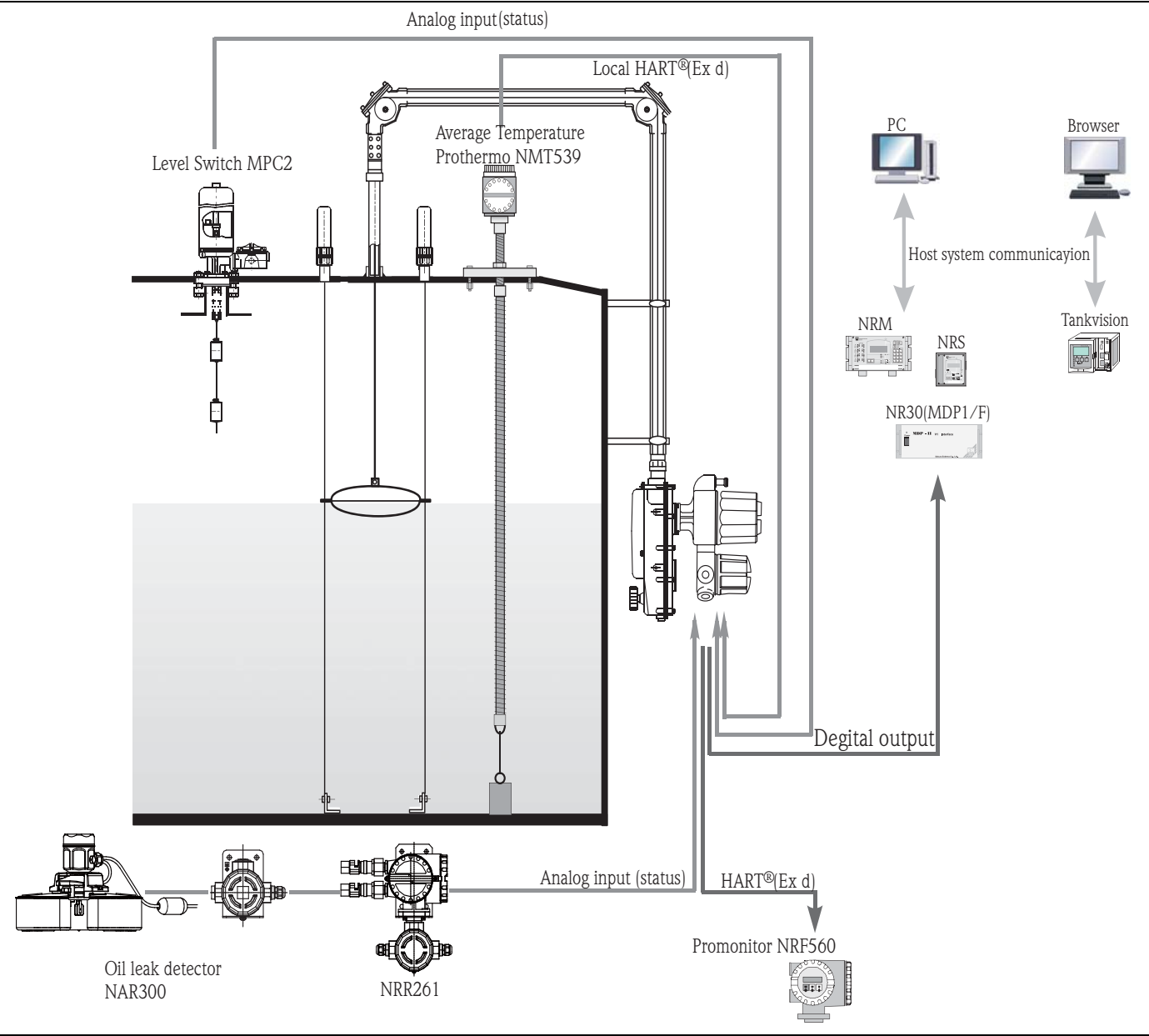


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1 Safety instructions

1.1 Designated use

The MPC series level controllers are displacement type instruments for installation on tanks. It provides control outputs from 1 to 4 contacts while activating microswitches with a magnet. Switching mechanism is designed to operate these contacts independent of one another. The instruments could therefore emit high and low alarm signals. It also performs pump control by utilizing the independent operations of the contacts

1.2 Installation, commissioning and operation

- Mounting, electrical installation, start-up and maintenance of the instrument may only be carried out by trained personnel authorized by the operator of the facility.
- Personnel must absolutely and without fail read and understand this Operating Manual before carrying out its instructions.
- The instrument may only be operated by personnel who are authorized and trained by the operator of the facility. All instructions in this manual are to be observed without fail.
- The installer must make sure that the measuring system is correctly wired according to the wiring diagrams. The measuring system is to be grounded.

1.3 Product Requirements

Connection to the peripheral equipment

It is possible to connect to the peripheral equipment explained in this installation Instruments. Please refer to each installation Instruments when connecting.

1.4 Safety of operation

Hazardous areas

Measuring systems for use in hazardous environments are accompanied by separate "Ex documentation", which is an integral part of this Operating Manual. Strict compliance with the installation instructions and ratings as stated in this supplementary documentation is mandatory.

- Ensure that all personnel are suitably qualified.
- Observe the specifications in the certificate as per 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.

Caution!



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

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