

Reed level transmitter suitable for food applications

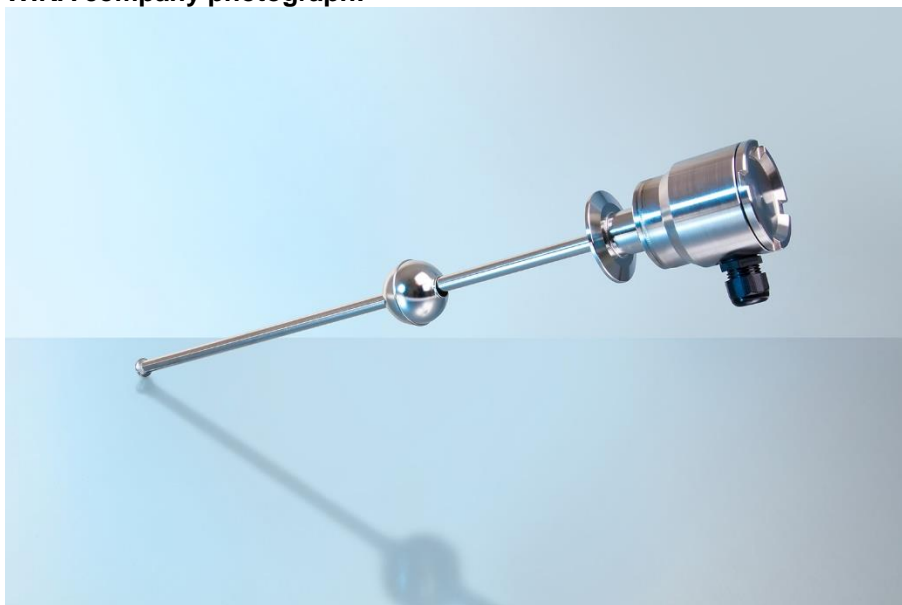
Klingenberg, October 2020. WIKA has expanded its range of level transmitters with reed measuring chain by adding the model FLR-F for food applications. The instrument has an electropolished surface with a roughness of $< 0.8 \mu\text{m Ra}$ and is available with application-specific process connections such as TriClamp.

The level transmitter works on the float principle with magnetic transmission. It measures the level reliably, even with foaming, and can additionally output a temperature value. The reed contacts in the guide tube (up to six meters long) can be arranged as a quasi-continuous level measurement.

The model FLR-F is also available in a version with a head-mounted transmitter for different output signals and communication protocols. Furthermore, the instrument can be supplied with a removable float limitation and FDA-compliant sealing or in an ATEX variant for applications in which pipes are cleaned with flammable media.

Number of characters: 906
Key word: FLR-F

WIKA company photograph:



Typ: FLR-F

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