

Potentiometric Level Sensor NSL-F

Application/intended use

- Continuous level monitoring in metallic vessels up to 3 m in height
- Ideally suited for highly adhesive and pasty media
- Level measurement of foaming media
- Minimum product conductivity typically from 50 $\mu\text{S}/\text{cm}$ (available on request for lower values)
- Hygienic substitute for float sensors

Application examples

- Level monitoring in feed vessels
- Level measurement in storage tanks
- Content measurement in pressurized vessels

Hygienic design/process connection

- Hygienic process connection with CLEANadapt
- Conforming to 3-A Sanitary Standard for versions with DIRECTadapt
- All wetted materials are FDA-conform
- Sensor completely made of stainless steel
- Complete overview of process connections: see order code
- The Anderson-Negele CLEANadapt system offers a flow-optimized, hygienic and easily sterilizable installation solution for sensors.

Special features/advantages

- CIP/SIP cleaning up to 143 °C/120 min (289 °F/120 min)
- Protection class IP 69 K (with cable connection)
- Short response time for precise measured values with fast level changes
- Due to the potentiometric measuring principle, no new adjustment is necessary when changing the medium
- Insensitive to adhesion
- Adjustment of the display by means of the twistable sensor head
- Mounting in vessels from the below or above
- Installation from the side through curved rod possible
- Adjustable current signal for measurement range, dry run signal and error signal

Options/accessories

- Pre-assembled cable for M12 plug
- Programming adapter MPI-200 with PC software
- Display module Simple User Interface (SUI) and Large User Interface (LUI)
- Remote version with cable length up to 30 m

Communication

 **IO-Link**
 **4...20 mA**

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Supported by:


 on the initiative of the
 by the German Government

Continuous level sensor NSL-F-00



Head unit remote version (HUR)

