

# Potentiometric Level Sensor NSL-F

## Application / intended use

- Continuous level monitoring for smaller vessels up to 2 m in height
- Ideally suited for highly viscous and gummy media
- Level measurement for floating media
- Minimum product conductivity for typically from 10 µS/cm
- Available on request for lower volume
- Hygienic solutions for flow sensors

## Application examples

- Level monitoring for feed vessels
- Level measurement for storage tanks
- Constant measurement in process of vessels

## Hygienic design / process connection

- Hygienic process connection with CIP/SIP design
- Conformity to 3rd Party Standard for vessels with 3000 l design
- All contact materials are FDA compliant
- Seals a completely made of stainless steel
- Complete connection of process connections per order code
- The Anderson-Negele CIP/SIP design system offers a flow optimized, hygienic and easily installable installation solution for sensors.

## Special features / advantages

- CIP/SIP cleaning up to 121 °C in 30 min (after 15 min)
- Pressure from 0.1 MPa (10 bar) with restriction
- Short response time for precise measured values with fast level changes
- Due to the potentiometric measuring principle, no zero adjustment is necessary when changing the medium
- Immunity to pollution
- Adjustment of the display by means of the adjustable sensor head
- Mounting in vessels from the bottom or above
- Installation from the side through ear and not possible
- Adjustable sensor signal for measurement range, dry run signal and error signal

## Technical features

- For standard cable for P12 plug
- Programming software P12 and USB PC software
- Display module height (see literature) 200 mm (large) 150 mm (small)
- Seals on vessels with cable length up to 20 m

## Communication

 IO-Link  4...20 mA

## Environment / media



## Condition of level sensor NSL-F (M)



## Head with sensor version (M)

