

# level measurement

## level switch NGS 050

### features

- level switch for fluid types
- aseptic measuring point by process connection thread M12 for modulare welded sleeve- and process connection system
- EHEDG-conform, food safe material
- **starting an adjustment by PC not necessary**
- definated position of screwing

### technical specifications

- connection head made of stainless steel 1.4305
- food tangent sensor made of PEEK
- process connection M12 modulare system
- electrical connection with screwing or optional M12-plug
- protection class IP69K
- auxiliary supply 12...35VDC
- output signal active, max 50mA, short-circuit proof
- switching function full/empty by polarity of auxiliary supply
- temperature range 0...140°C process temperature for 30min
- high temperature design with neck tube optional
- temperature range connection head -20°C to +80°C
- max. operating pressure 10bar
- optional with switching status LED



NGS 050



M12-leak-proof system

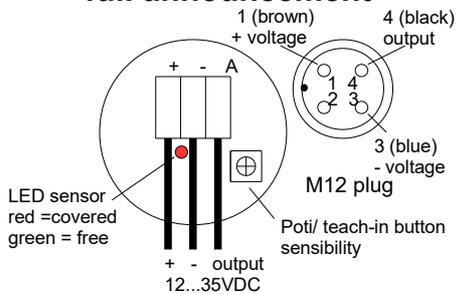
### application areas

- fill level detection in cases and pipelines from DN15
- dry running condition protection
- empty-/full announcement

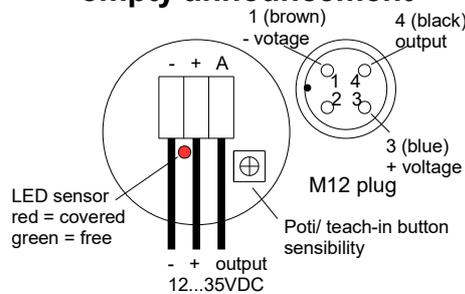
### product benefits

- aseptic sealing system
- food-safe materials (EHEDG-compliant)
- independence from the conductivity of the medium
- fast learning possible via teach-in button
- robust stainless steel head with protection class IP69K

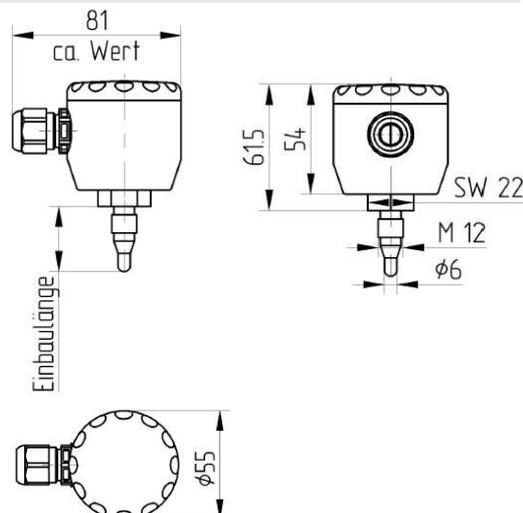
### full announcement



### empty announcement



### technical drawing



## level measurement

order-code NGS 050...

order example: NGS 050-5-A-1

### connection heads

- 5 stainless steel head standard with screwing
- 6 stainless steel head standard with M12-plug

### design

- A standard design

### optional

- T1 with teach-in
- 1 standard design
- 2 with extern switching status LED

### accessories

#### welding sleeves

- 99-000802 KEM 050, welding sleeve, ball, for M12 x 1.5mm sealing system, diameter 25mm, hygienic process adaptation
- 99-000643 ZEM 051, welding sleeve, cylinder, for M12 x 1.5mm sealing system, with weld collar, diameter 19mm, hygienic process adaptation

#### M12-connection wires

- 101090 connection cable M12 angled, 4-pole, 5m PVC cable, grey
- 101087 connection cable M12 straight, 4-pole, 5m PVC cable, grey

**Other lengths available on request.**

**For more accessories, see accessories data sheet.**