

Level limit switch LLS 250

Features

- Level switch for fluid types
- The ideal alternative unit for the swing level switch
- Aseptical 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**
- Defined position of screwing

Technical specifications

- Connection head made of stainless steel 1.4305
- Food tangent level stick made with limination PFA P16501
- Process connection G1/2" (1/2" BSP) modular system
- Electrical connection with screwing or optional M12-plug
- Protection class IP69K
- Auxiliary supply 12...35 VDC
- Output signal active, max 50 mA, short-circuit proof
- Switching function full / empty by polarity of auxiliary supply
- Temperature range 0...140°C process temperature for 30 min
- High temperature design with neck tube optional
- Temperature range connection head -20°C to +80°C
- Max. operating pressure 10 bar
- Optional with switching status LED



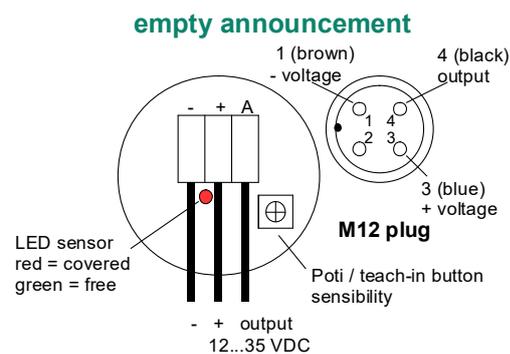
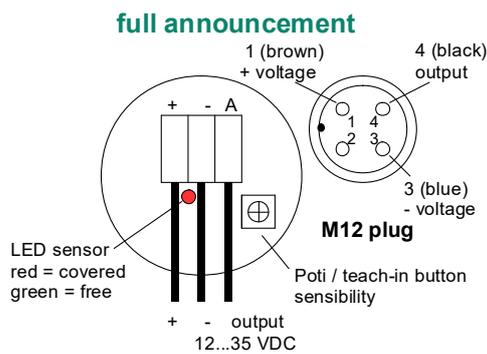
LLS 250-5-A-1

Application areas

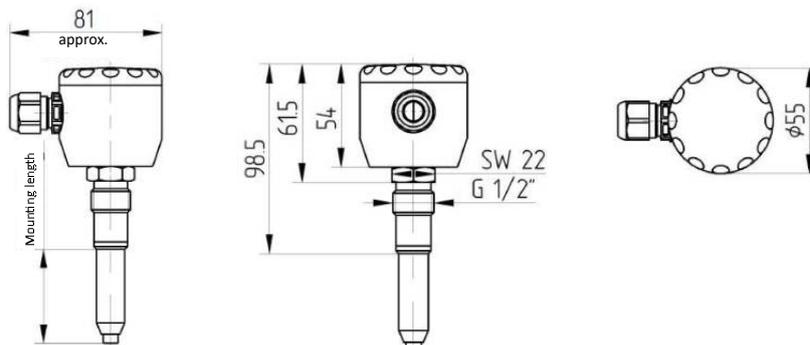
- Fill level detection in cases and big pipelines
- Dry running condition protection
- Empty / full announcement

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
- Reliability even with adhesive and viscous media



Technical drawing



**Order-code LLS 250**

order example: LLS 250-5-A-1

**Connection heads**

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

**Design**

- X switch-point at 19mm
- Y switch-point at 38mm
- A switch-point at 50mm
- B switch-point at 100mm
- C switch-point at 150mm
- D switch-point at 200mm

**Optional**

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

**Accessories**

**Welding sleeves**

- 99-000191 KEM 150, welding sleeve, bullet, for 1/2" BSP sealing system, diameter 35 mm, hygienic process adaption
- 99-000193 ZEM 150, welding sleeve, cylinder, for 1/2" BSP sealing system, diameter 30 mm, hygienic process adaptation

**M12-connection wires**

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

**Other lengths available on request.**

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