

Device for monitoring the level (capacitive)



GNS-SCV-W

Art. no. 603168

Probe for application in water and all conductive liquids

GNS-SCV-Z

Art. no. 603169

Probe for application in oil and all no-conductive liquids

General:

The GNS-SCV capacitive probes are the best way to monitor the level condition of liquids as water, oil gasoline and solid products as powder and granular.

- Sealed
- No moving parts
- very reliable

Application:

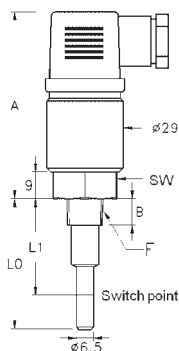
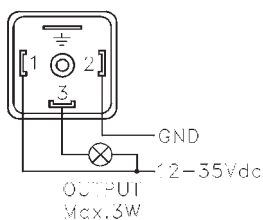
- Water
- Oil
- Gasoline
- Solid products as powder or granular

Specifications:

Power supply:	12 ... 35 V DC / 5 mA
Switch output:	NPN no-active / max. 3 W
Electrical connection:	elbow-type plug acc. to EN 175301-803/A
Process connection:	1/4" NPT, Brass
Switch delay:	4 s
Electrode:	Cu-Zn
Electrode coating:	PTFE
Electrode length:	50 mm
Switch point:	
40 mm ± 2 mm	vertical mounting
on the axis of SCV	horizontal mounting
Pressure max.:	25 bar
Temperature max.:	-30 ... +125 °C

Dimensions [mm]:

SW	A	B	L0	L1
24	74	10	50	40 ±2



Level switch



GNS-KIT

Art. no. 603164

Level switch, without rod tube (state rod tube length when ordering)

General:

The user can add by himself the level switch in the desired length the rod tube between the process connection and the float contact unit. The float contact unit is under water protected.

- Sealed under water protected contact
- Rod tube in 500 mm / 1000 mm / 1500 mm available state when ordering
- IP65 protection class

Specifications:

Float-contact unit:	Nickel plated brass
Density:	>0.35 g/cm ³
Pressure max.:	20 bar
Temperature max.:	105 °C
Connection:	1/8"
Reed-contact:	SPDT: 230 V, 60 VA, 1.0 A
Process connection:	Thread G1", Brass
Electrical connecton:	Plug EN 175301-803/A
Protection Class:	IP65
Seal:	NBR, oil resistant
Rod-tube:	Ø 8 mm, brass

Accessories and spare parts:

GNS ROHR-0500

Art. no. 603165

Rod-tube for GNS KIT, 500 mm

GNS ROHR-1000

Art. no. 603166

Rod-tube for GNS KIT, 1000 mm

GNS ROHR-1500

Art. no. 603167

Rod-tube for GNS KIT, 1500 mm

