

DEVICE FOR MONITORING THE LEVEL (CAPACITIVE)



GNS-SCV-W

Art. no. 603168
Probe for application in water and all conductive liquids

GNS-SCV-Z

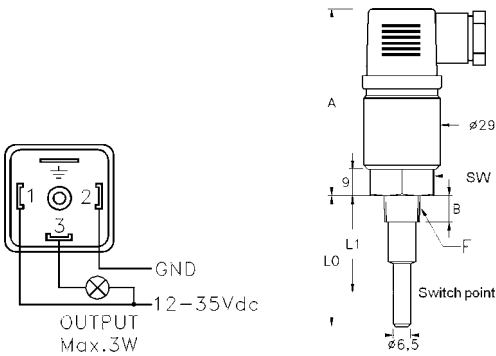
Art. no. 603169
Probe for application in oil and all no-conductive liquids

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 (500 mm, 1000 mm or 1500 mm) the rod tube between the process connection and the float contact unit.
• 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/cm³
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 rating:	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

