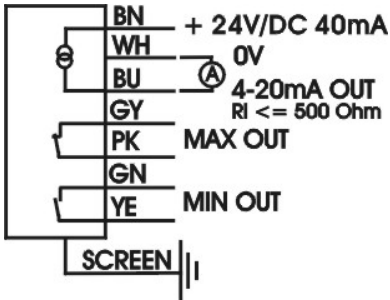
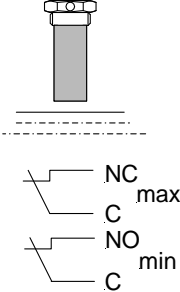
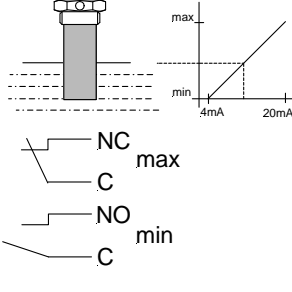
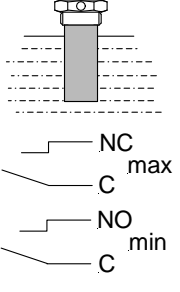


Analog Capacitive Amplifier CNS-606

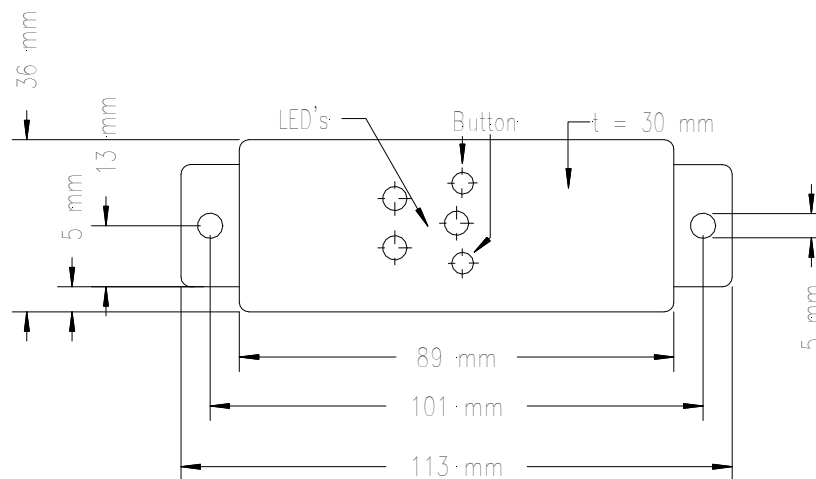
Level control for:



- Hot-melt adhesives
- Waxes
- Paints
- Granulates
- Chemicals

Type	CNS-606		
Technical data sensor amplifier			
Connectable probes	Type row: A...		
Operating voltage (U_B)	24V/DC $\pm 10\%$		
Nominal current (I_0)	40 mA		
Frequency of operating cycles	≤ 1 Hz		
Rated relay contacts	$\leq 0,5A / 24VDC$		
Connecting cables	7 x 0,14 mm ² + screen / L = 2 m		
Pin arrangement			
BN – brown WH - white BU - blue GY - gray PK - pink GN - green YE - yellow			
Screen and enclosure - ground			
Enclosure material	Aluminum		
Permitted ambient temperature	+10°C ... +50°C		
Enclosure rating EN 60529	IP 40		
Output	 <p>Min</p>	 <p>Measuring range</p>	 <p>Max</p>
LED's	min LED on max LED off	min LED off max LED off	min LED off max LED on

Dimensions:



Unit: mm

Operating Manual:

Mounting Instructions

The pin configuration is to be strictly observed. The appliance is only to be operated with the voltage entered on the rating plate. The metal tank and the screening of the connection lines are to be safety grounded. The probe- and connection lines are not to be laid parallel to drive connections. The amplifier is not to be installed on machine components which are hot and subjected to strong temperature fluctuations. The probe distance to the vessel wall must amount at least 30mm.

Function

The capacitive amplifier is provided for the detection of insulant, solid and non-conducting substances. The appliance evaluates the capacity modifications ΔC of the probe base capacity.

Adjustment/Operation

Teach the lower level by pressing the MIN button. This is done by flashing the yellow LED confirms. Then, teach the upper level by pressing the MAX button. This is also

confirmed by the flashing yellow LED confirms. Thereafter, the device is ready for operation. MIN corresponds to 4mA and MAX to 20mA Accuracy:

It is at this level sensor is not a meter. The accuracy is approximately $\pm 10\%$ for a MIN-MAX range of 100mm. For smaller MIN-MAX range will lower the accuracy.

Maintenance

The appliance is maintenance free. Appliances are only to be repaired or touched up by the manufacturer.

General

With installation and operation of the capacitive amplifier, CNS-606, the EU- and national regulations must be considered. Our appliances are on a high technical level. Modifications, which serve the technical progress, are reserved.

Met standards

EN 61000-4-6

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