



## Universal Digital Indicator with set point setter A009SG

### Function:

**A009SG** offers the user to attitude of set points in relation with controllers for all physical numbers, such as temperature, moist, pressure and pH value.

As an output it can be available alternatively as current or voltage.

It has to be taken care at the order that only one of the two outputs is calibrated with the accomplish precision .

The indication of the set-pint shows out via a 3 ½ or 4-digit digital display (Technish Data of digital display please see the data sheet “universal digital indicator type A004”)

### Technical Data:

#### Construction:

Black plastic housing according to DIN 43700 for the switchboard installation

#### Protection type:

Front panel IP 50 according to DIN 40050

#### Dimensions:

96 x 96 x 110 mm (w x h x d)

#### Front panel cutout:

92 x 92 mm (w x h)

#### Connection:

Plug-in terminals,  
wire cross section: max. 2.5 mm<sup>2</sup>

#### Auxiliary voltage:

115 or 230 Vac ± 10%/50-60 Hz  
5, 12 or 24 Vdc

#### Power consumption:

approx. 4 VA

#### Output:

Short-circuit proof analogous output,  
e.g. 1 mV/°C, 0...10 Vdc (max. 5 mA), 0...20 mA,  
4...20 mA (max. 10 Vdc), or according to cus-  
tomer specification

**Display:**

3 ½ or 4-digit 7-segment display with sign

**Indicating range:**

0... ± 199.9

**Setting:**

3-digit BCD-switch, 3-digit BCD switch with sign or 4-digit BCD switch

**Precision:**

± 0.1% of the final value of ± 1 Digit

**Temperature influence:**

< 0.1%/10 °K

**Climate:**

Storage: -10...+70 °C

Operation: 0...+50 °C

**Other features:**

LED for the indication of the operating state

All specifications subject to change without prior notice.