

SWP-N118

- process meter in wall-mounted case
- input 0/4-20 mA
- power supply output: 24V DC
- RS-485 / Modbus RTU

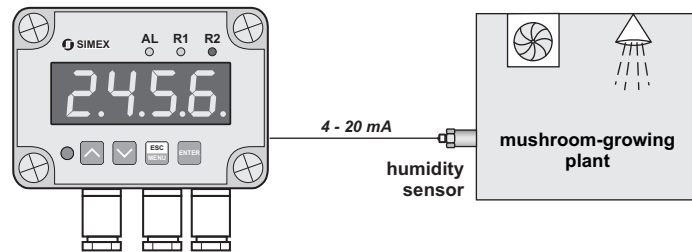


The **SWP-N118** process meter features easy operation, functional programming menu and a clear 4-decade, 20-millimetre LED display. Tight case with high protection class (IP65) makes it an ideal choice for heavy-duty applications. The current input has a protection safeguarding the measuring resistor against damage. The device operates in the following modes: linear, root, square and user defined (max. 20 points). The settings can be changed without opening the tight case, by an infrared remote control.

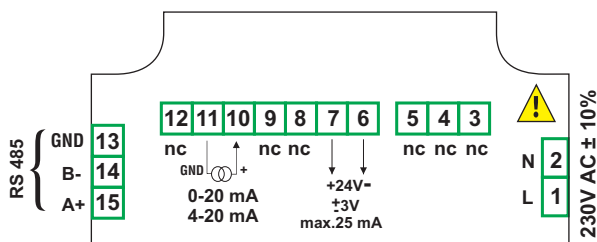
- programmable measuring input type, range of displayed values, password and decimal point,
- threshold value overflow signalling,
- measuring signal peak detection and visualization,
- programmable indication filtration,
- programmable processing characteristics,
- overload-protected current input.

Typical applications

1. Air humidity indication in the mushroom-growing plant.
2. Local indications in the measuring location.
3. Installation in difficult environment: high humidity, dust, etc.



Exemplary pin assignment



Ordering

SWP-N118-1100-1-X-XX1

- options:**
- 00 : no options
 - 02 : remote control

- power supply:**
- 1 : 24V DC
 - 2 : 230V AC

Technical data

Power supply: 230V AC $\pm 10\%$ or 24V DC (non separated)
Power consumption: for 230V AC power supply: max. 2,6 VA; for 24V DC power supply: max. 4,5 W
Display: LED, red, 4 x 20 mm high
Input: current 0-20 mA or 4-20 mA, programmable, overload-protected, input current limited to about 40 mA
Measuring range: -999 - 9999 + decimal point
Accuracy: $\pm 0,25\% \pm$ one digit in the entire operation range
Transducer power supply output: 24V DC $\pm 3V$, non-stabilized, not insulated from measuring inputs; for 230V AC power supply: max. 25 mA; for 24V DC power supply: max. 100 mA
Communication interface: RS 485, 8N1, 1200 bit/s + 115200 bit/s, Modbus RTU (not galvanically isolated)
Operating temperature: 0°C + +50°C
Storage temperature: -10°C + +70°C
Protection class: IP 65
Case: wall-mounted
Case material: ABS + glass fibre
Case dimensions: without glands: 110 x 80 x 67 mm; with glands: 110 x 105 x 67 mm