

SWE-94-U



IR remote controller
SIR-15

Remote controller is not a part of the device and is available on request as optional accessory.

TECHNICAL DATA

Power supply	110V AC ± 10% separated, 230V AC ± 10% separated or 24V DC (10V ÷ 30V DC) not separated from measurement input; for 110V AC and 230V AC: max. 1,5 VA; for 24V DC: max. 1 W
Power consumption	
Display	LED, red, 4 x 20 mm high, brightness adjustable in 8 steps
Input	<u>current</u> : 0-20 mA or 4-20 mA, input resistance < 65 Ω (typ. 30 Ω), overload protected, input current is limited to 50 mA; <u>voltage</u> : 0-5 V, 1-5V, 0-10V or 2-10V, input resistance > 100 kΩ; <u>milivoltage</u> : 0-60 mV, 0-75 mV, 0-100 mV or 0-150 mV, res. inp. > 1,5 MΩ <u>RTD</u> : Pt100, Pt500, Pt1000, measurement wires resistance: max. 20 Ω (every wire), measuring range -100°C ÷ 600°C; <u>thermocouple</u> : K, S, J, T, N, R, B, E type; measuring range: -200°C ÷ +1370°C (K); -50°C ÷ +1768°C (S); -210°C ÷ +1200°C (J); -200°C ÷ +400°C (T); -200°C ÷ +1300°C (N); -50°C ÷ +1768°C (R); +250°C ÷ +1820°C (B); -200°C ÷ +1000°C (E)
Display range	-999 ÷ 9999 plus decimal point
Accuracy	0.1% @ 25°C ± one digit (current, voltage, milivoltage, RTD, TC: K, J, E); 0,2% @ 25°C (TC N); 0,5% @ 25°C (TC: S, T, R, B)
Stability	50 ppm/°C
Communication interface	RS-485, 8N1 and 8N2, 1200 bit/s ÷ 115200 bit/s, Modbus RTU (not galvanically isolated)
Operating temp.	0°C ÷ +50°C (standard), -20°C ÷ +50°C (option)
Storage temp.	-10°C ÷ +70°C (standard), -20°C ÷ +70°C (depending on option)
Protection class	IP 65 (front side when an optional seal is installed); IP 40 (front side); IP 20 (case and connection clips)
Case	board; material: NORYL UL94V-0
Dimensions	<u>case</u> (WxHxD): 96 x 48 x 72 mm <u>panel cut-out dimensions</u> : 91 x 45 mm <u>installation depth</u> : min. 88 mm <u>board thickness</u> : max. 6 mm
Weight	205 g max.

ORDERING

SWE-94-U-X-XX1-X

power supply:

- 1 : 24V DC
- 2 : 230V AC
- 8 : 110V AC

units:

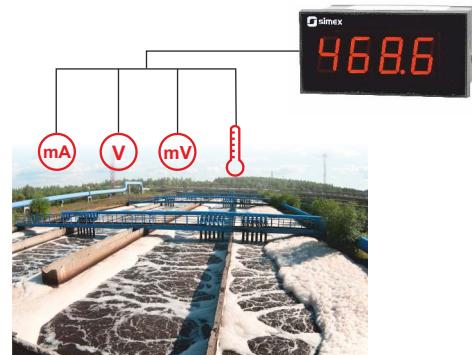
- 0 : no unit on display
- °C
- %
- bar
- m
- l/min
- A
- V

- options:**
- 00 : no options
 - 01 : IP 65
 - 08 : operating temp. -20°C ÷ +50°C

ACCESSORIES

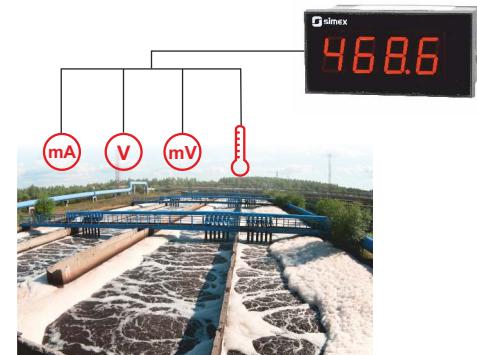


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TYPICAL APPLICATIONS

1. Indication of current values of any parameters
2. Application wherever there is a need for a quick view of many parameters, i.e. in a synoptic system.



EXAMPLARY PIN ASSIGNMENT

