SWE-94-S





IR remote controller
SIR-15

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

- **low-cost serial meter with a large, 20 mm high display**
- **RS-485 / Modbus RTU**
- **MASTER / SLAVE**
- **all parameters are freely programmable from the PC or remote control**
- **brightness adjustable in 8 steps**

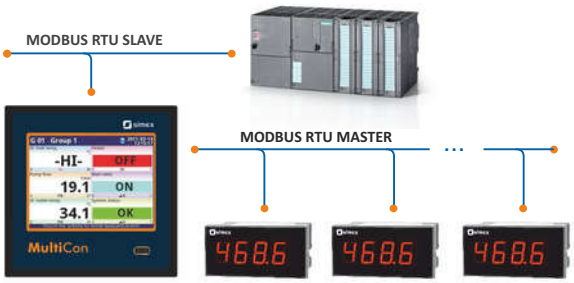
The **SWE-94-S** is a simple digital panel indicator intended for displaying any numerical values and characters defined by user (in SLAVE mode only) sent from the master device over the RS-485 serial interface link. The displayed value may be collected from other device (in MASTER mode). The display brightness can be adjusted in 8 steps. Modbus RTU protocol is used for communication with the device. Baud rate is user defined in 1200 ÷ 115200 baud range.
The device can be configured via IR remote controller, or optionally by PC via RS-485 interface. Over more communication interface RS-485 enables data transmission in any monitoring system equipped witch Modbus RTU protocol. Easy assembling, small dimensions, precision and reliability are the basic trumps of SWE-94-S indicators.

TECHNICAL DATA

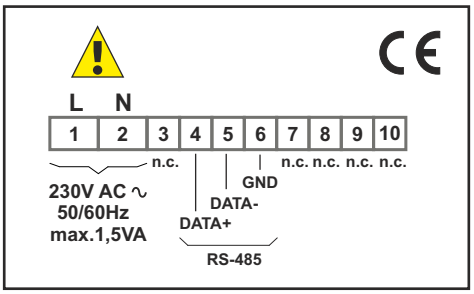
Power supply **Power consumption**	110V AC ± 10% separated, 230V AC ± 10% separated or 24V DC (10V ÷ 30V DC) not separated from measurement input; for 110V AC and 230V AC: max. 1,5 VA; for 24V DC: max. 1 W
Display	LED, red, 4 x 20 mm high, brightness adjustable in 8 steps
Displayed range	numerical and alphanumerical messages possible to show on 7-segment display
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	case (WxHxD): 96 x 48 x 72 mm panel cut-out dimensions: 91 x 45 mm installation depth: min. 88 mm board thickness: max. 6 mm
Weight	205 g max.

TYPICAL APPLICATIONS

1. Display of current values of any parameters, sending via RS-485 communication interface.



EXAMPLARY PIN ASSIGNMENT



ORDERING

SWE-94-S-X-XX1-X

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

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

power supply:
1 : 24V DC
2 : 230V AC
8 : 110V AC

ACCESSORIES



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