simex

SWS-W606

- **large-size indicator**
- **RS-485 / Modbus RTU**
- **MASTER / SLAVE**
- **digits height: 57 mm**

IR remote controller
SIR-15

CE

The **SWS-W606** 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.
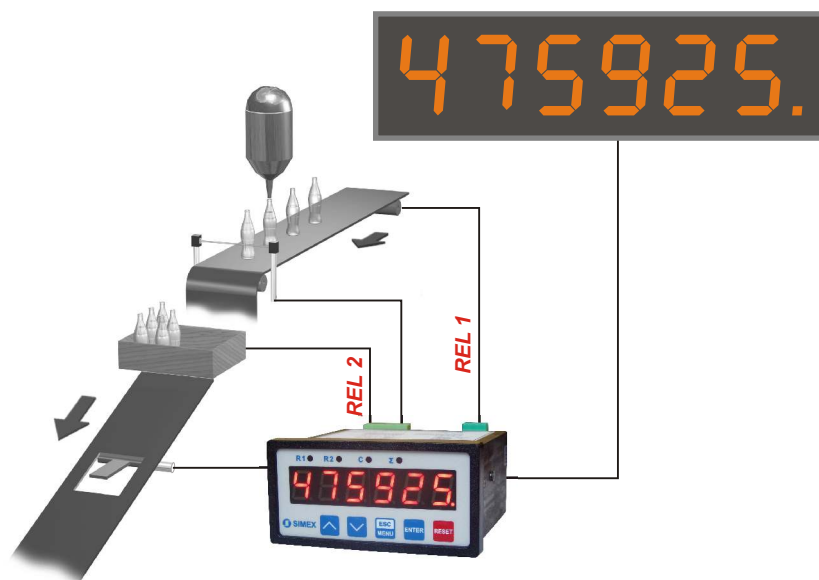The device has 4 buttons being used for main presets programming. To get high protection level, the keyboard is mounted under transparent cover. To allow user to change presets without opening the cover, an IR sensor is mounted. Remote controller keyboard is equivalent to the device keyboard (Note, that IR programmer SIR-15 is not a part of the set. It is an additional equipment).
Modbus RTU protocol is used to communication with device. Baud rate is user defined in 1200 ÷ 115200 baud range. It is possibe to order device with other communication protocol using RS-485 interface (special order required).
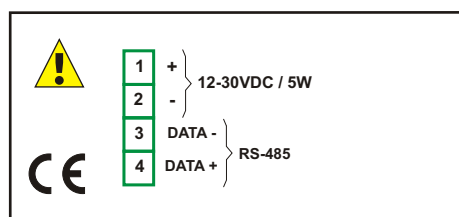
- possibility of displaying mnemonic messages,
- display brightness adjustment,
- programming by means of a built-in keypad, IR programmer SIR-15 or RS-485 communication interface.

Typical applications

1. Repeater of displayed information i.e. from the SLIK-94 counter featuring the RS-485 / SLAVE interface.
2. Application wherever there is a need for precise (readable) readings from a large distance.

Examplary pin assignment

1	+	} 12-30VDC / 5W
2	-	
3	DATA -	} RS-485
4	DATA +	

Ordering

SWS-W606-0000-1-1-001

Technical data

Power supply: 12V ... **24** ... 30V DC not separated
External fuse (required): T - type, max. 2 A
Power consumption: max. 5 W
Display: LED, red, 6 x 57 mm, display brightness adjustable in 8 steps
Displayed values range: 6 digits (-99999 ÷ 999999 plus decimal point) or any of character indication in range of 7-segments display
Communication interface: RS-485, 8N1 and 8N2, Modbus RTU, not galvanically insulated
Transmission speed: adjustable in range from 1200 to 115200 bit/sek.
Operating temperature: 0°C ÷ +50°C
Storage temperature: -10°C ÷ +70°C
Case: wall-mounted
Case material: steel St3 + methyl polimethacrylate
Case dimensions: 364 x 112 x 44 mm

Accessories

IR remote controller
SIR-15

V.7.09.1

1.4.7.