

BG80x160 BARGRAPH Process Indicator Universal input-output RS485 MANUAL

Panel description

1. Alarm indicators: 2 low and 2 high alarms
2. Bargraph: Fill 0 ... 100%, depending on the range
3. [SET] button: To set and save the parameters. Press 3 sec to enter the setting
4. [^] button: In setting mode to change the value up
5. [v] key: In setting mode to change the value down
6. [>] button: Offset the digits
7. PV display: Display of process value

SEQUENCE SETUP

1. FIRST level parameters:

From operating mode Press> 3s [SET] and use the [^] and [v] buttons to scroll through the following parameters:

With [SET] shows the value, changes the arrows and remembers [SET] again

[AH] - Alarm High

[dH] - High Alarm Hysteresis

[AL] - Low alarm

[dL] - Low Alarm Hysteresis

[AHH] - Alama High 2

[dHH] - High Alarm Hysteresis 2

[ALL] - Low Alarm 2

[dLL] - Low Alarm Hysteresis 2

[paSS] - **PASSWORD** with [SET] the value is displayed, the arrows enter 555 and again [SET] to access the SECOND level parameters.

2. SECOND level parameters:

use the [^] and [v] buttons to scroll through the following parameters:

The value is displayed with [SET], changed with the arrows and [SET] is remembered again

[Sn] - Index of input; value: 0 ... 22; see table of input signals

[dOt] - Decimal point; value: 0 ... 3; Display: 0000; 000.0; 00.00; 0.000

[PUL] - Measured range - lower limit (value)

[PUH] - Measured range - upper limit (value)

[PbIA] - ZERO Offset / Migration; To correct the reading

[FILt] - Filter ratio; value: 0.100 ... 0.900

[K1] - Coefficient of display; value: 0 ... 1,999; Default K1 = 1

[OU-A] - Select the output signal; OU-A = 1 (0 ... 10mA), = 2 (4 ... 20mA), = 3 (0 ... 20mA)

[OU-L] - Low output signal limit

[OU-H] - Upper limit of the output signal

[PH] - ALARM selection; VALUE: 0000-no paragraph; 0001 upper paragraph; 0002 lower alarm

- Tens: xx0x-the relay is closed; xx1x-damage;

- Hundreds: x0xx- PV visualization on the display; FACTORY SETTING: 0001

[PL] - as [PH], but FACTORY SETTING: 0002

[PHH] - as [PH], FACTORY SETTING: 0001

[PLL] - as [PL], FACTORY SETTING: 0002

[InPH] - Maximum signal value:

10 ... 100mV, 10 ... 400Ohm, 2 ... 300Hz, 0 ... 90mV, 0 ... 390Ohm, 0 ... 2998Hz;

FACTORY ADJUSTMENT: 100.0 (%)

[InPL] - Minimum signal value:

10 ... 100mV, 10 ... 400Ohm, 2 ... 300Hz, 0 ... 90mV, 0 ... 390Ohm, 0 ... 2998Hz;

FACTORY ADJUSTMENT: 0.0 (%)

[bAUd] - Transmission speed: values: 0 = 1200bps, 1 = 2400bps, 2 = 4800bps, 3 = 9600bps
 - -FACTORY SETTING: 3 = 9600bps
[Id] - Communication address

INPUT SIGNAL TABLE:

CODE:	INPUT TYPE:	SCOPE:
00	S	0 ... 1600 ° C
01	R	0 ... 1600 ° C
02	B	200 ... 1800 ° C
03	K	0 ... 1300 ° C
04	N	0 ... 1300 ° C
05	E	0 ... 800 ° C
06	J	0 ... 650 ° C
07	T	-200 ... 400 ° C
08	Pt100	-200 ... 850 ° C
09	Cu50	-50 ... 150 ° C
10	0 ... 5V	-999 ... 9999
11	1 ... 5V	-999 ... 9999
12	---	to order
13	0 ... 10mA	-999 ... 9999
14	0 ... 20mA	-999 ... 9999
15	4 ... 20mA	-999 ... 9999
16	MV non-standard	0 ... 100mV
17	7/50000	0 ... 400 Ohm
18	F non-standard	0 ... 3000Hz
19	0 ... 5V	-999 ... 9999
20	1 ... 5V	-999 ... 9999
21	0 ... 10mA	-999 ... 9999
22	0 ... 20mA	-999 ... 9999
23	input ON	---