

ELKORA

ELKORA S-23

1.003 V2

2004

C

1.	.....	5
2.	.....	5
2.1	.....	5
2.2	.....	9
2.3	.....	9
2.4	.....	10
2.5	.....	10
3.	.....	11
3.1	.....	11
3.2	.....	13
3.3	.....	13
4.	.....	15
5.	.....	21
5.1	.....	21
5.2	.....	22
5.3	.....	23
5.4	.....	23
6.	.....	24
6.1	.....	24
6.2	.....	24
6.3	.....	25
6.4	.....	26
7.	.....	31
8.	.....	31

1.

ELKORA S-23

➤ *ELKORA S-23*

➤

300

➤

RS-232

➤ *ELKORA S-23*

EN 1434.

2.

2.1

ELKORA S-23

- ;
- ;
- ;
- .

- 1,
- 3,
- 2,
- .



.2.1. ()

.2.1

.

1 – ();

2 – , ;

3 – **ON**;

4 – , ;

5 – , (

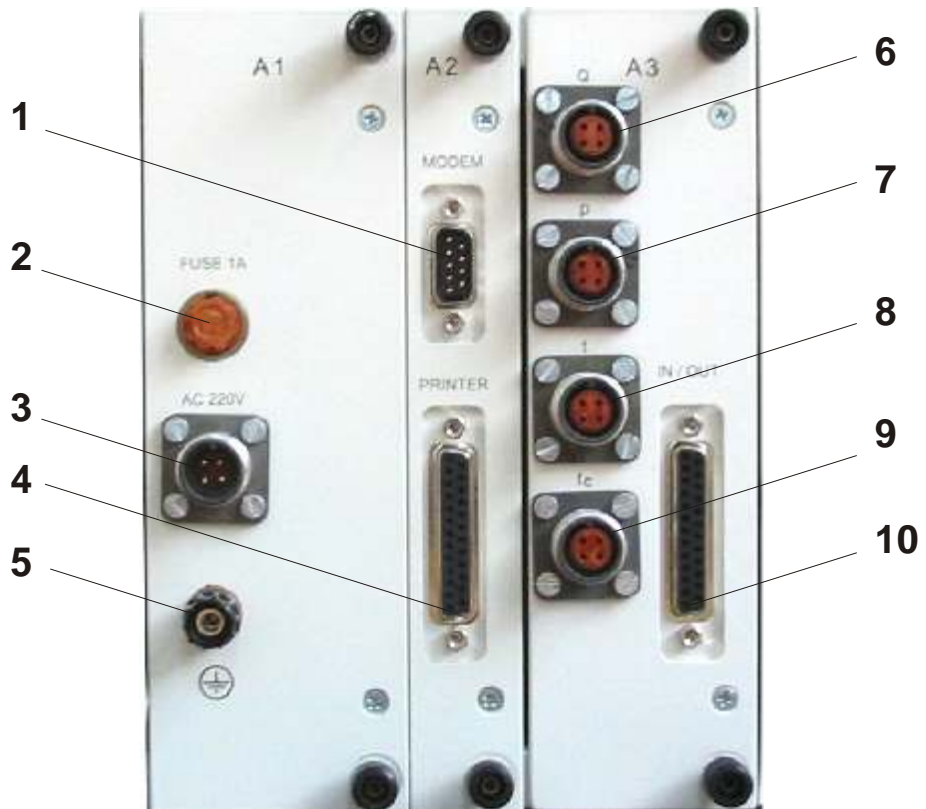
– ,

6 – ↓;

7 – ↑.

.2.2

.

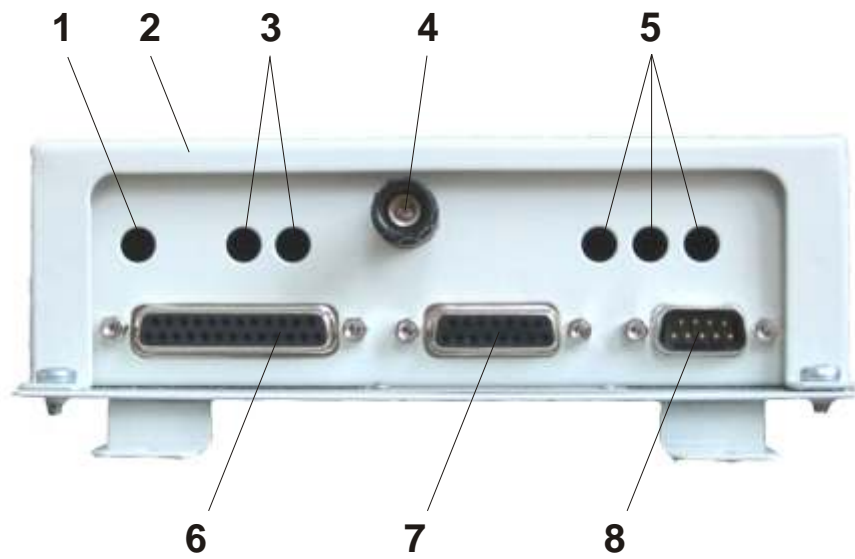


. 2.2.

()

- 1 - **MODEM;**
- 2 - ;
- 3 - ~ 220V, 50Hz;
- 4 - **PRINTER;**
- 5 - ;
- 6 - **Q** ;
- 7 - **p** ;
- 8 - **t1** ;
- 9 - **t** ;
- 10 - **IN/OUT** - , .

, , .
. 2.3 .



. 2.2. ()

- :
- 1 - ;
 - 2 - ;
 - 3 - ;
 - 4 - ;
 - 5 - ;
 - 6 - **Centronics** ;
 - 7 - , ;
 - 8 - RS-232.

2.2

() ,

$$f = v Sh/d, \tag{2.1}$$

v/d,

d

v,

2.3

: 100 Pt 100.

4-

R(t).

$$t = \frac{R(t)}{R_0} - 1 + \left(\frac{R(t)}{R_0} - 1 \right)^2, \quad (2.2)$$

$$R_0 = 100,$$

2.4

$$4 \div 20$$

2.5

P :

$$P = Q (h_1 - h_2), \quad (2.3)$$

Q - ,
 - ,
h₁ - ,
 ,
h₂ - .

∴ 1995-68 .” $0...800^\circ$: “ . $0,001...1000$

W :

$$W = \int_{T_0}^T P(T) dT, \tag{2.4}$$

T_0 -
 T -

3.

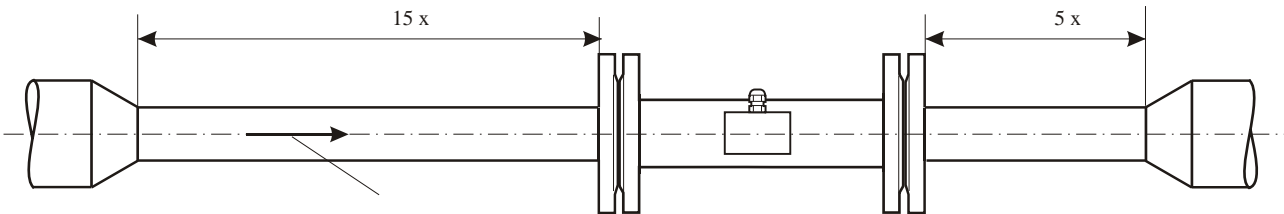
3.1

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(. . 3.1).

-



. 3.1.

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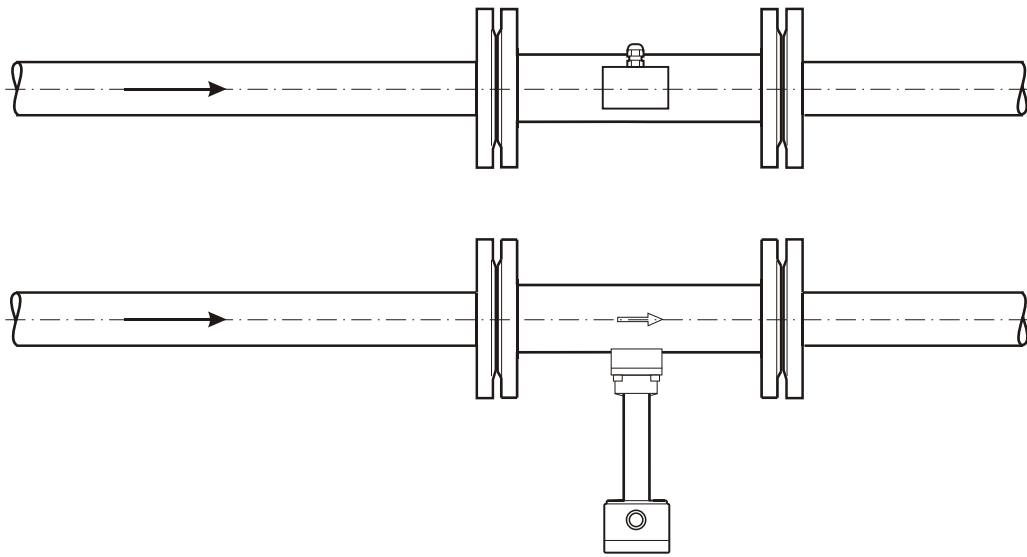
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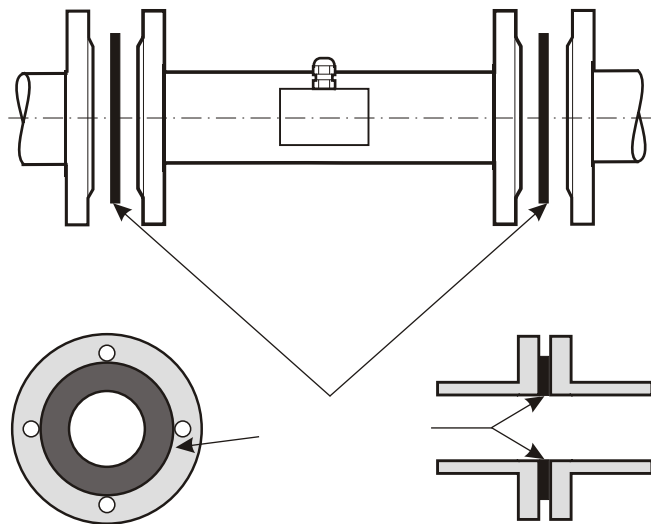
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3.2.

,

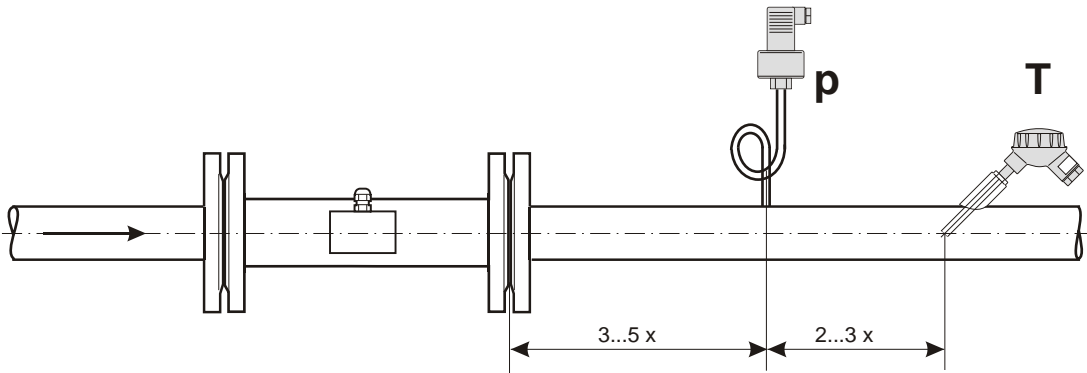


.3.2.



.3.3.

3.2



.3.4.

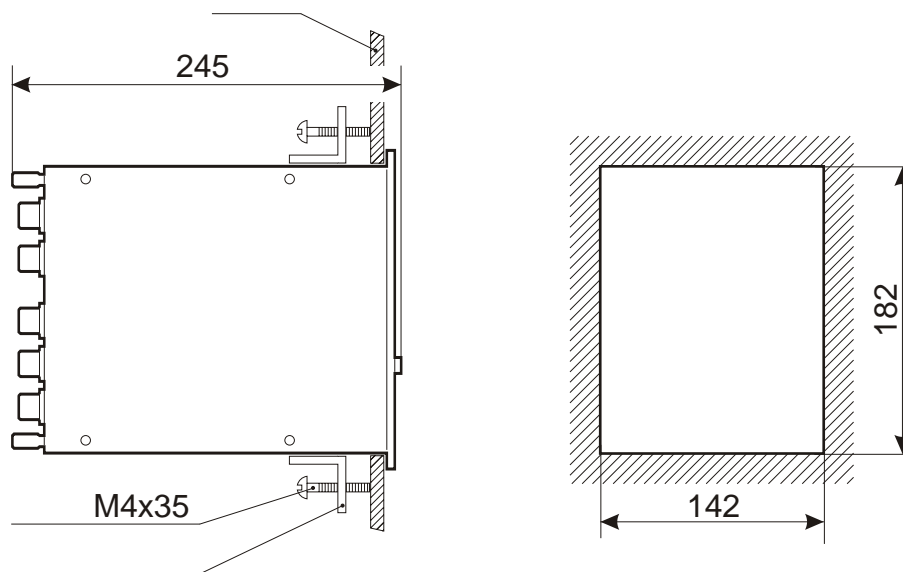
,

3.3

,

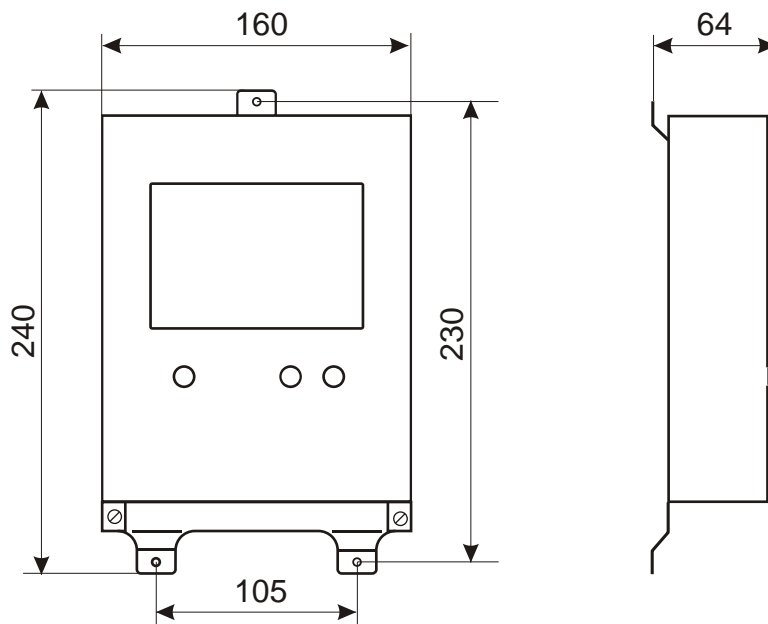
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.3.5.



.3.5.

. 3.6.



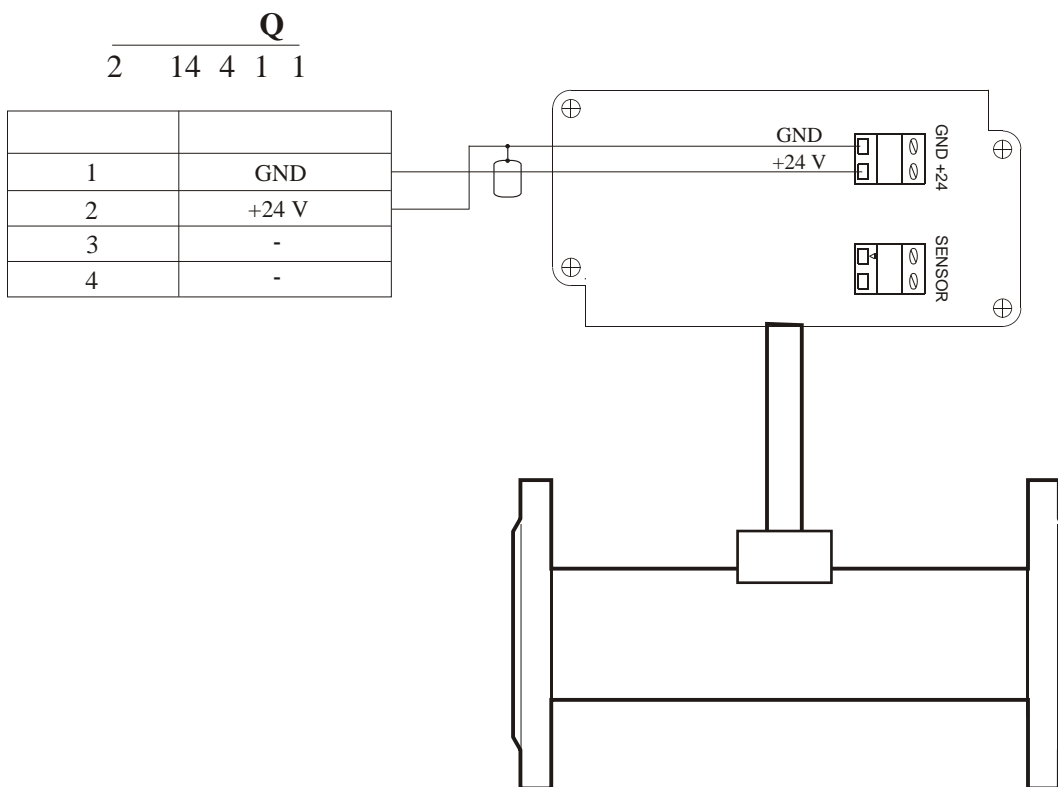
. 3.6.

4.

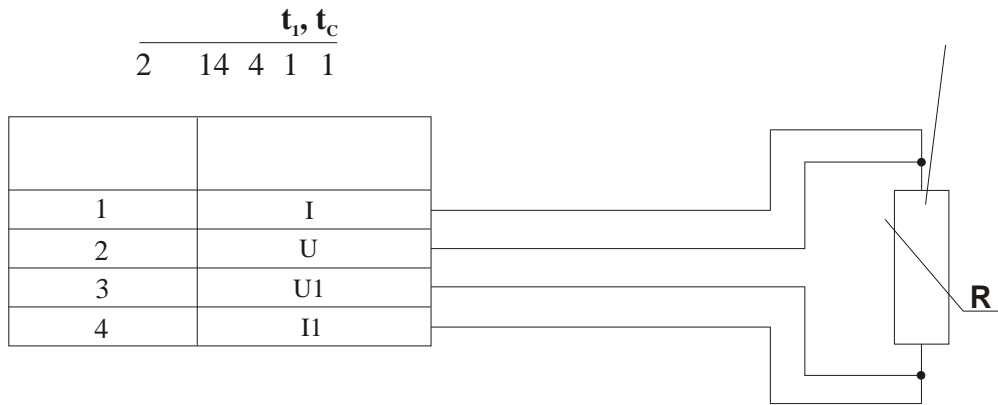
(, RG-59) 300
6 .

4- 0,25 2 0,75 2 300 .
4-

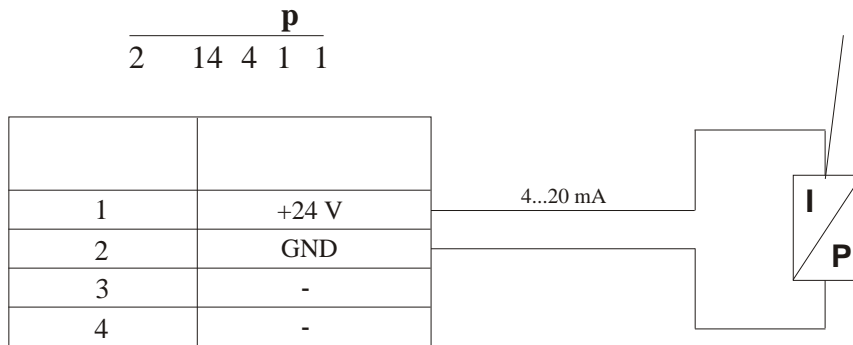
0,25 2- 2 0,75 2 .



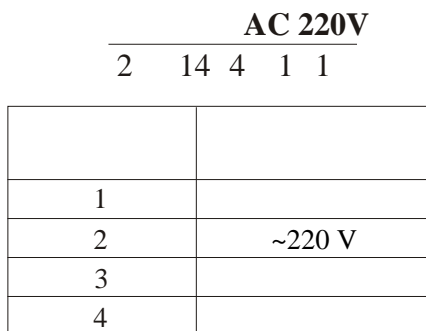
. 4.1.



. 4.2.

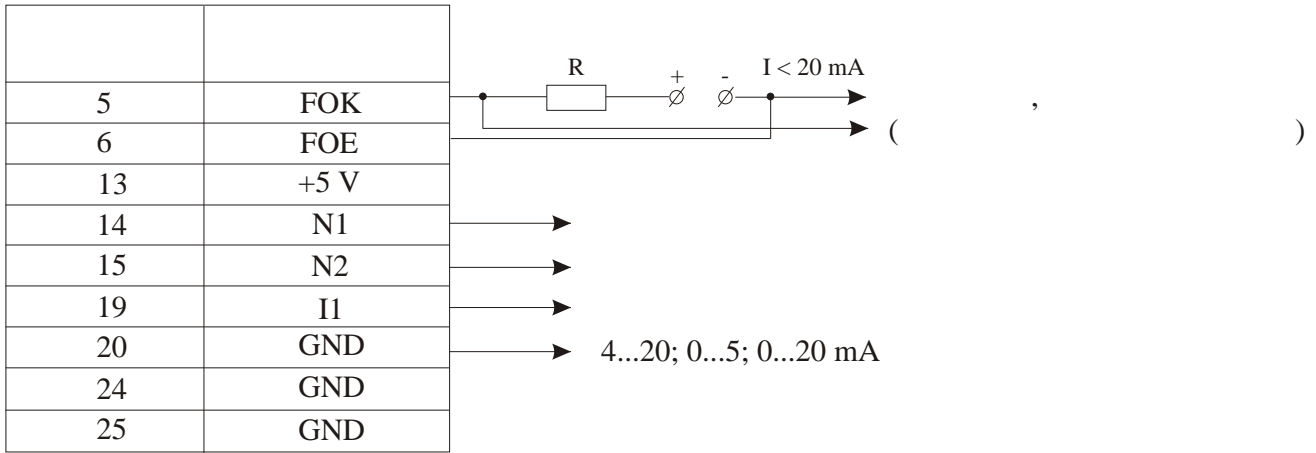


. 4.3.



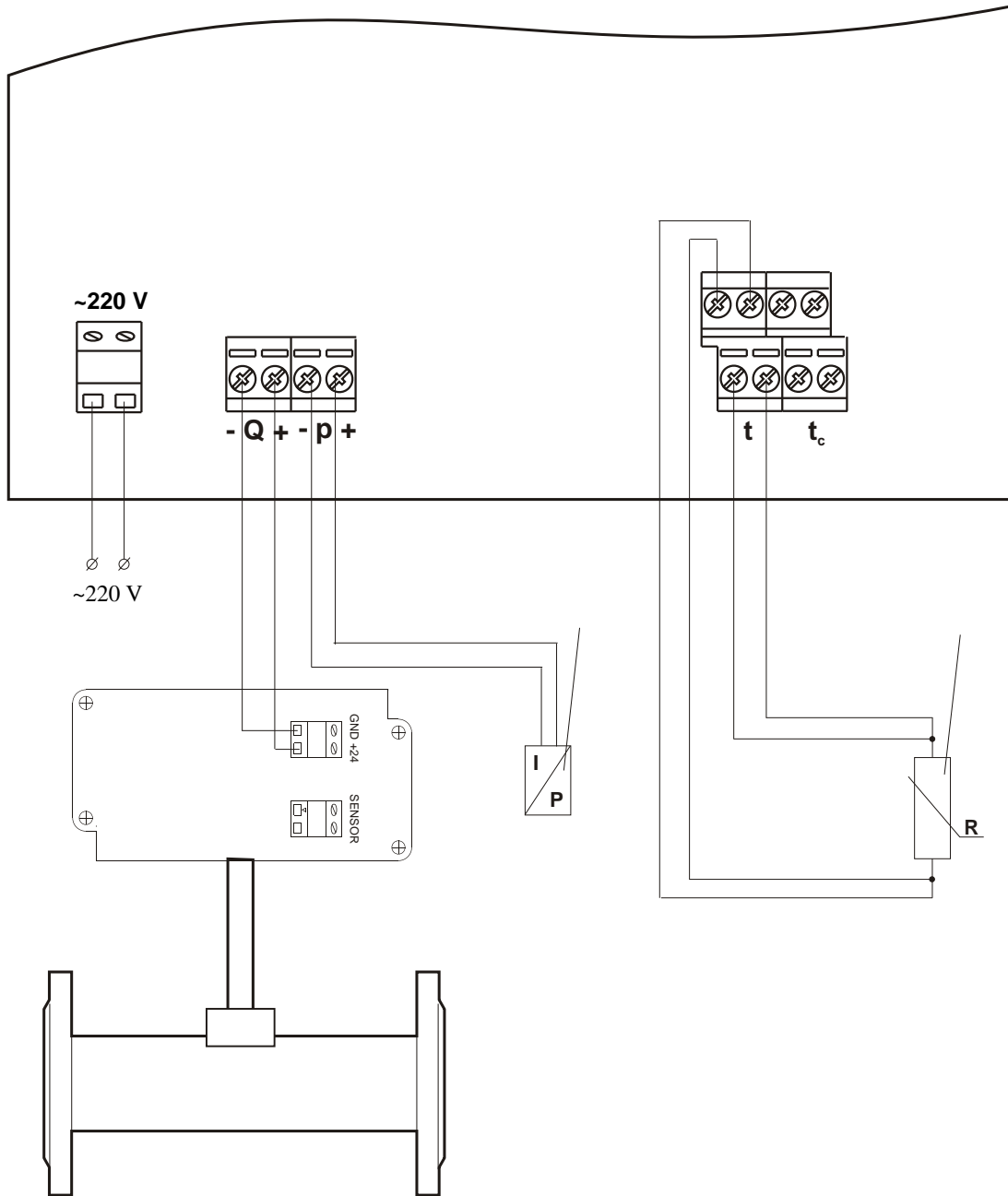
. 4.4.

IN/OUT
DBRI - F15



. 4.5.

,



. 4.6.

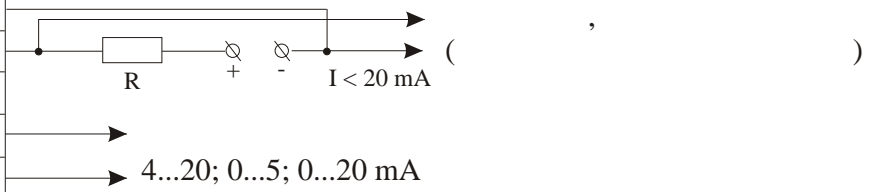
(

“t₁”

“t_c”

IN/OUT
DBRI - F15

1	+24 V
2	-
3	-
4	-
5	-
6	FOE
7	FOK
8	-
9	GND
10	I1
11	-
12	-
13	-
14	-
15	-

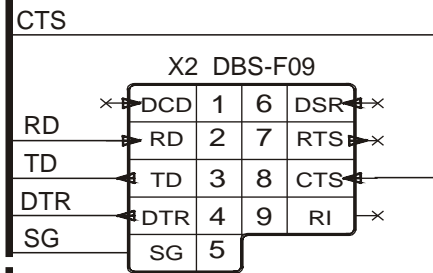
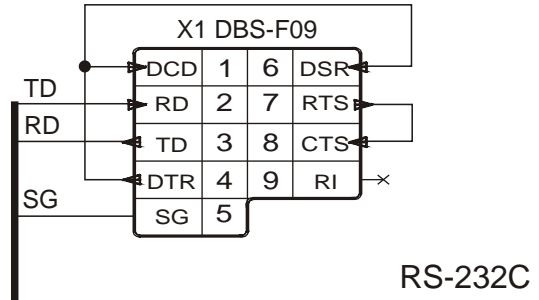
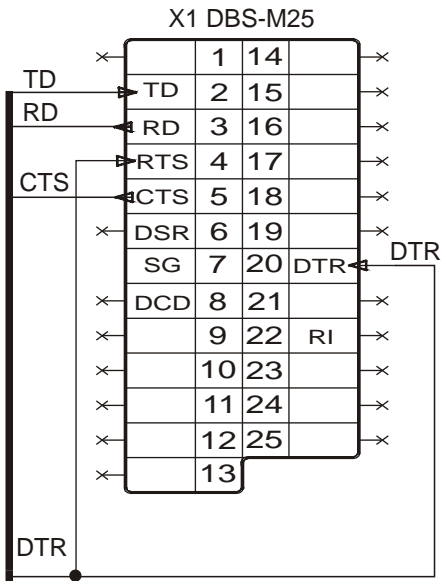


.4.7.

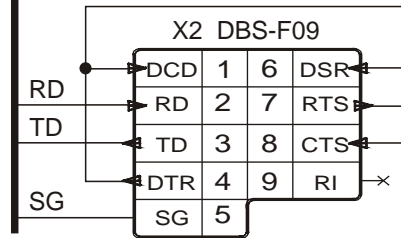
ELKORA S-23

RS-232

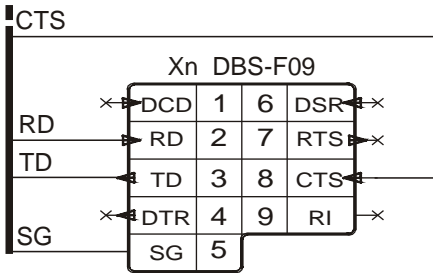
(10)



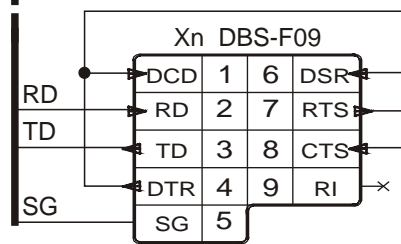
DEM ELKORA S-23



DEM ELKORA S-23



DEM ELKORA S-23



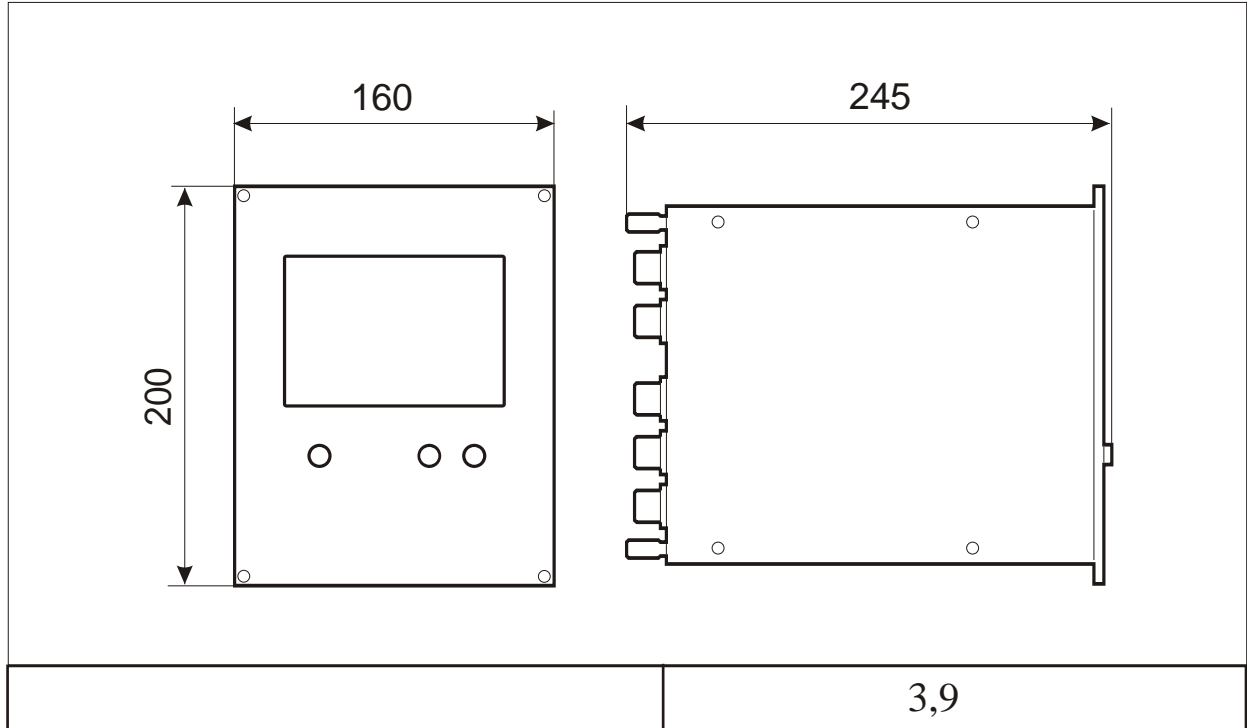
DEM ELKORA S-23

.4.8.

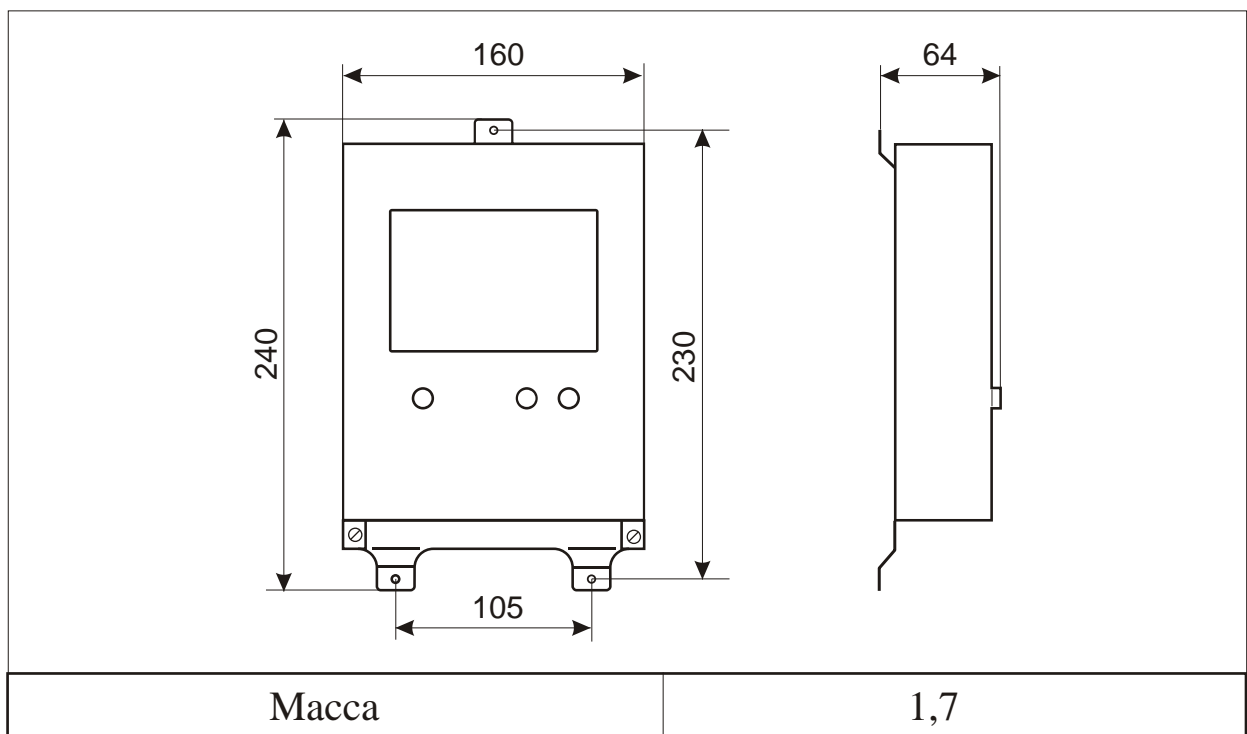
(50)

5.

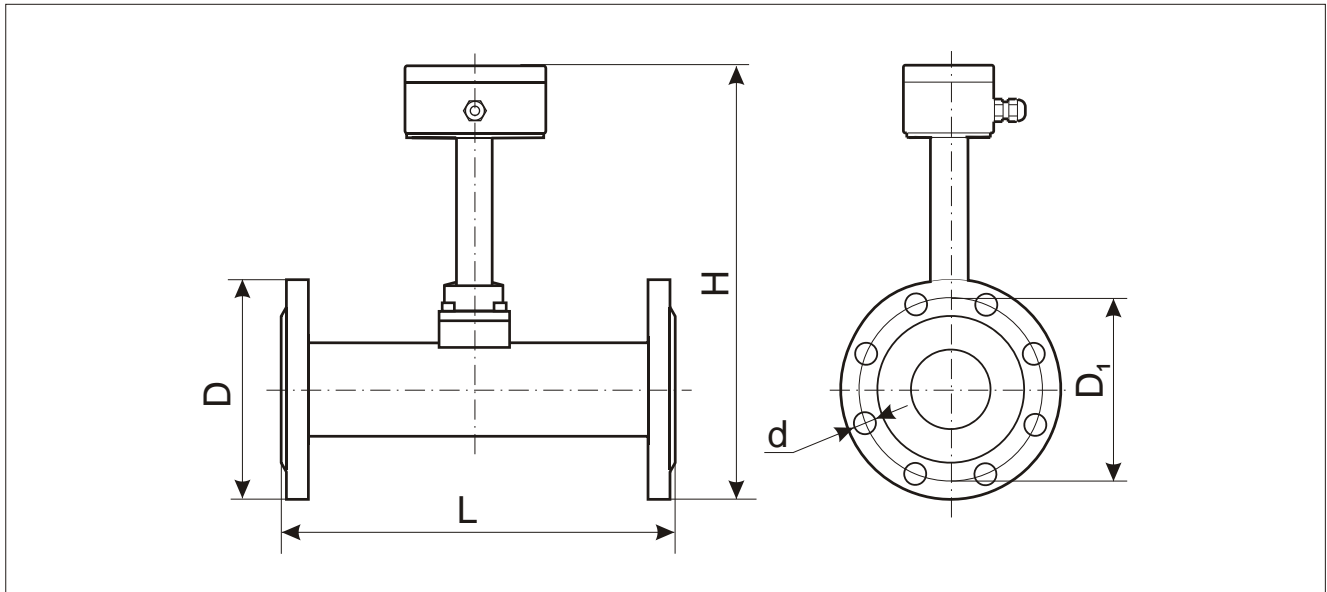
5.1



. 5.1.



. 5.2.



	L,	H,	D,	D ₁ ,	d,	-
40	300	360	145	110	18	4
50	300	370	160	125	18	4
65	300	388	180	145	18	4
80	350	402	195	160	18	4
100	350	425	215	180	18	8
125	350	449	245	210	18	8
150	500	484	280	240	22	8
200	500	537	335	295	22	8
250	600	599	405	355	26	12
300	600	650	460	410	26	12

5.2

Q_{min}

Q_{max}

5.1.

	$Q_{min}, \text{ }^3/$	$Q_{nom}, \text{ }^3/$
40	20	400
50	30	600
65	50	1000
80	70	1400
100	100	2000
125	160	3200
150	250	5000
200	450	9000
250	700	14000
300	1000	20000

- 0...+300 °C
- ... +3...+300 °C
- 0...40 bar

5.3

- < ± 1,5 %
- . < ± (0,2+0,001×t) °C
- < ± 1,5 %

5.4

	220 +10%/-15% , 50
	< 5
	+5 °C...+55 °C
	$I_{max} = 20 \text{ A}, f_{max} = 32000$
	0...5; 0...20; 4...20 A
	RS-232C Centronics

6.

6.1

↑, ↓, —, :

6.1

	W
	T
	P
	G, Q
	t, t
	p

6.2

↑, ↓

ON (. . 6.2), ,

↑, ↓

ON

— 30 .

	ON	ON+ON
	(32)	(96)
	(32)	(96)
	(768)	(96)

6.3

(. . 2.1):

• (, , ,)
 •)

ERROR

• .

• * ,

• * ,

POWER

6.4

• ;
• ;
• ;
• ;
• .
• :
• ON. ↑, ↓
•) ↑, ↓.
• ON, , ,
• ↑, ↓
• ON.
• ON - 30 .

01 :

01 LP Day form

01 LP Month form

01 LP Year form

02

02 LP B 01.01.04

03

03 LP Start?

Start?



03 LP Stop ?

Stop?



10 Modem Master

Master.

10 Modem Slave

Master

Slave.

Slave,

11

:

11 MdSpeed 1200

(. .)

: 1200; 2400; 4800; 9600; 19200; 38400

/ .

20

:

20 Iout 4-20 mA

: 4...20; 0...5; 0...20 .

21

:

21 I1Par Q, m³/h

: G [t/h]; Q [m³/h]; t, t_c [°C]; p [bar]; P [MW (Gcal/h)].

22,

:

22 I1max 240

,
20.

30

30 fout freq.

30 fout impulse

31, 32 33

30.

31

31 fmax 2400 Hz

32000

10

32

32 fPar Q, m³/h

: G [t/h]; Q [m³/h]; t, t_c [°C]; p [bar];
P [MW (Gcal/h)].

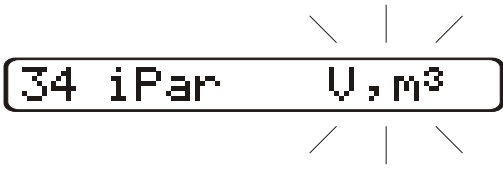
33

33 fParmax 240

31.

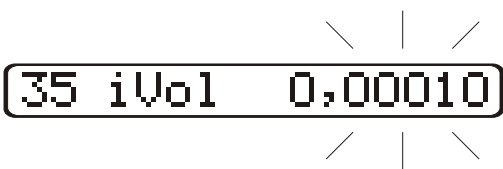
34 35
30.

34



:
,
.
: V [m³]; M [t]; W [MWh (Gcal)].

35



:
,
(34),
.

50, 51, 52, 53, 54, 55 -

, , , , , ,

