

Instalación y puesta en servicio del controlador de calefacción



No perder estas instrucciones, guardarlas con el regulador!

Instalación

Lugar de instalación

- En un lugar seco, p. ej. en la sala de calderas
- Opciones de montaje:
 - En un armario de control, empotrado o sobre carril DIN
 - Sobre un panel
 - En el frontal de un panel de control
 - En un pupitre de control
- Temperatura ambiente permisible: 0...50 °C

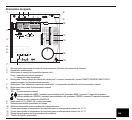
Instalación eléctrica

- Respetar la reglamentación local sobre instalaciones eléctricas
- La instalación eléctrica debe realizarla personal cualificado
- Emplear cable de seguridad, para la tensión de red
- Observar que los cables entre el controlador y el actuador de la válvula, y entre el controlador y la bomba estén sometidos a la tensión de la red
- Los cables para la conexión de las sondas no deben acompañar a los de red (p.ej. a los de la alimentación de la bomba) (aislamiento clase II según EN 60730)
- Si un equipo es defectuoso o está dañado, desconéctelo inmediatamente y sustitúyalo

Longitudes permisibles para los cables

- Para todas las sondas y contactos externos:

Cable de cobre 0,6 mm diá.	20 m máx.
Cable de cobre 1,0 mm ²	80 m máx.
Cable de cobre 1,5 mm ²	120 m máx.





Item	Quantity	Unit	Price	Total
1.000	1	kg	100	100
2.000	1	kg	100	100
3.000	1	kg	100	100
4.000	1	kg	100	100
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 29. The twenty-ninth column contains the number of the row.
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 89. The eighty-ninth column contains the number of the row.
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 93. The ninety-third column contains the number of the row.
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 95. The ninety-fifth column contains the number of the row.
 96. The ninety-sixth column contains the number of the column.
 97. The ninety-seventh column contains the number of the row.
 98. The ninety-eighth column contains the number of the column.
 99. The ninety-ninth column contains the number of the row.
 100. The hundredth column contains the number of the column.

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85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

Item	Quantity	Unit	Price	Total
1	1	kg	100	100
2	2	kg	200	400
3	3	kg	300	900
4	4	kg	400	1600
5	5	kg	500	2500
6	6	kg	600	3600
7	7	kg	700	4900
8	8	kg	800	6400
9	9	kg	900	8100
10	10	kg	1000	10000
11	11	kg	1100	12100
12	12	kg	1200	14400
13	13	kg	1300	16900
14	14	kg	1400	19600
15	15	kg	1500	22500
16	16	kg	1600	25600
17	17	kg	1700	28900
18	18	kg	1800	32400
19	19	kg	1900	36100
20	20	kg	2000	40000
21	21	kg	2100	44100
22	22	kg	2200	48400
23	23	kg	2300	52900
24	24	kg	2400	57600
25	25	kg	2500	62500
26	26	kg	2600	67600
27	27	kg	2700	72900
28	28	kg	2800	78400
29	29	kg	2900	84100
30	30	kg	3000	90000
31	31	kg	3100	96100
32	32	kg	3200	102400
33	33	kg	3300	108900
34	34	kg	3400	115600
35	35	kg	3500	122500
36	36	kg	3600	129600
37	37	kg	3700	136900
38	38	kg	3800	144400
39	39	kg	3900	152100
40	40	kg	4000	160000
41	41	kg	4100	168100
42	42	kg	4200	176400
43	43	kg	4300	184900
44	44	kg	4400	193600
45	45	kg	4500	202500
46	46	kg	4600	211600
47	47	kg	4700	220900
48	48	kg	4800	230400
49	49	kg	4900	240100
50	50	kg	5000	250000
51	51	kg	5100	260100
52	52	kg	5200	270400
53	53	kg	5300	280900
54	54	kg	5400	291600
55	55	kg	5500	302500
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57	57	kg	5700	324900
58	58	kg	5800	336400
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61	61	kg	6100	372100
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63	63	kg	6300	396900
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69	69	kg	6900	476100
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71	71	kg	7100	504100
72	72	kg	7200	518400
73	73	kg	7300	532900
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83	83	kg	8300	688900
84	84	kg	8400	705600
85	85	kg	8500	722500
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<p>1. Identifikasi</p> <p>1.1. Nama</p> <p>1.2. No. Revisi</p> <p>1.3. No. Dokumen</p> <p>1.4. Tanggal</p>	<p>2. Revisi</p> <p>2.1. No. Revisi</p> <p>2.2. Tanggal</p> <p>2.3. Alasan</p>	<p>3. Revisi</p> <p>3.1. No. Revisi</p> <p>3.2. Tanggal</p> <p>3.3. Alasan</p>
<p>4. Revisi</p> <p>4.1. No. Revisi</p> <p>4.2. Tanggal</p> <p>4.3. Alasan</p>	<p>5. Revisi</p> <p>5.1. No. Revisi</p> <p>5.2. Tanggal</p> <p>5.3. Alasan</p>	<p>6. Revisi</p> <p>6.1. No. Revisi</p> <p>6.2. Tanggal</p> <p>6.3. Alasan</p>

Item	Quantity	Unit	Remarks
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97	98	99	100

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Item	Quantity	Unit	Price	Total
1	1	kg	100	100
2	1	kg	100	100
3	1	kg	100	100
4	1	kg	100	100
5	1	kg	100	100
6	1	kg	100	100
7	1	kg	100	100
8	1	kg	100	100
9	1	kg	100	100
10	1	kg	100	100
11	1	kg	100	100
12	1	kg	100	100
13	1	kg	100	100
14	1	kg	100	100
15	1	kg	100	100
16	1	kg	100	100
17	1	kg	100	100
18	1	kg	100	100
19	1	kg	100	100
20	1	kg	100	100
21	1	kg	100	100
22	1	kg	100	100
23	1	kg	100	100
24	1	kg	100	100
25	1	kg	100	100
26	1	kg	100	100
27	1	kg	100	100
28	1	kg	100	100
29	1	kg	100	100
30	1	kg	100	100
31	1	kg	100	100
32	1	kg	100	100
33	1	kg	100	100
34	1	kg	100	100
35	1	kg	100	100
36	1	kg	100	100
37	1	kg	100	100
38	1	kg	100	100
39	1	kg	100	100
40	1	kg	100	100
41	1	kg	100	100
42	1	kg	100	100
43	1	kg	100	100
44	1	kg	100	100
45	1	kg	100	100
46	1	kg	100	100
47	1	kg	100	100
48	1	kg	100	100
49	1	kg	100	100
50	1	kg	100	100
51	1	kg	100	100
52	1	kg	100	100
53	1	kg	100	100
54	1	kg	100	100
55	1	kg	100	100
56	1	kg	100	100
57	1	kg	100	100
58	1	kg	100	100
59	1	kg	100	100
60	1	kg	100	100
61	1	kg	100	100
62	1	kg	100	100
63	1	kg	100	100
64	1	kg	100	100
65	1	kg	100	100
66	1	kg	100	100
67	1	kg	100	100
68	1	kg	100	100
69	1	kg	100	100
70	1	kg	100	100
71	1	kg	100	100
72	1	kg	100	100
73	1	kg	100	100
74	1	kg	100	100
75	1	kg	100	100
76	1	kg	100	100
77	1	kg	100	100
78	1	kg	100	100
79	1	kg	100	100
80	1	kg	100	100
81	1	kg	100	100
82	1	kg	100	100
83	1	kg	100	100
84	1	kg	100	100
85	1	kg	100	100
86	1	kg	100	100
87	1	kg	100	100
88	1	kg	100	100
89	1	kg	100	100
90	1	kg	100	100
91	1	kg	100	100
92	1	kg	100	100
93	1	kg	100	100
94	1	kg	100	100
95	1	kg	100	100
96	1	kg	100	100
97	1	kg	100	100
98	1	kg	100	100
99	1	kg	100	100
100	1	kg	100	100

