

Professional heating technology for
industry and laboratory applications

MOHR & CO
Laborhandels-gesellschaft mbH

Electronic temperature regulator series HM-RD1000



Description:

Electronic microprocessor controlled temperature regulator for demanding functions for the heating of machines, pipes and plants.

The user has the choice between a direct clamp connection or a common multi-pole-plug for heating and thermocouple.

Features:

- stable table- and wall housing with transparent cover
- very flexible by PID- optimisation
- two displays for shown set and actual temperature value
- 2-pole main switch illuminated
- operation via press function-key
- parameter level settings
- input sensor: PT-100 or thermocouple
- temperature range 0 up to 1200 °C
- switching power up to 16 A
- changeable controller modul



Technical data

HM-RD1000

nominal voltage	230 V AC
nominal currency	see order data
switching power	2300 W or 3650 W
sensor input	PT-100 or thermocouple
temperature range	0 - 1200°C
accuracy	0,5 %
data security	EEPROM
EMV compatibility	EN 61326
protection class	I
system of protection	IP 65
ambient temperature	0 - 50°C
maincable	1,5 m with standard plug
dimension	165 x 160 x 135 x mm (w x h x d)

Order data

type	heating and sensor connection	switching power W	switching voltage A	order-no.
HM-RD1011	screw clamp	3650	16	61001011
HM-RD1002	7-pole-plug	2300	10	61001002
HM-RD1012	5-pole-plug.	3650	16	61001012

Accessories

temperature sensors	type	technical data	order-no.
PT-100	HM-TP2 2-wire	sheath element V2A up to 500°C Ø 4 x 50 mm, wire length 2000 mm	62000120
PT-100	HM-TP4 4-wire	sheath element V2A up to 500°C Ø 4 x 50 mm, wire length 2000 mm	62000140
NiCr-Ni	HM-TNS	bulb sensor Inconell up to 1200°C, Ø 1,5 x 300 mm, wire lenght 2000 mm	62000200
controller modul	HM-ST48		61001200

Other temperature sensors on request



Temperature regulator
HM-EC210



Double temperature regulator
series HM-RD2000



Regulator- and limiter-
combination HM-RD3000



Exi-Regulator combination
HM-RD4011

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