

Professional heating technology for  
industry and laboratory applications

**MOHR & CO**  
Laborhandels-gesellschaft mbH

## Double-temperature regulator series HM-RD2000



### Description:

Two electronic microprocessor controlled temperature regulator for demanding functions for the heating of machines, systems and processes.

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

### Features:

- two temperature regulators together in one case
- stable table- und 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 sensors: PT-100 or thermocouple
- temperature range 0 to 1200°C
- switching power up to 16 A
- changeable controller modul



## Technical data

## HM-RD2000

nominal voltage	230 V AC
nominal current	16 A
switching power	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
main cable	2,5 m with standard plug
dimension HM-RD2011	198 x 212 x 162 x mm (w x h x d)
dimension HM-RD2012	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-RD2011	screw clamps	3650	16	61002011
HM-RD2012	multi-pole Plug	3650	16	61002012

## 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 length 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



EExi-Regulator combination  
HM-RD4011

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