MOHR & CO

Electronic Laboratory Controller Series HM-RX1000

with diode socket type HM-RX 1001

Description:

The plug-in, microprocessor-controlled temperature controller is housed in a sturdy table-top case and is intended for permanent use in laboratories and pilot plants where product temperatures must be kept constant. With the mounted stand clamp, the controller can be attached to a stand fixture in a clear and space-saving manner.

Two diode sockets (type HM-RX1001) are provided on the rear for the sensor connection and the potential-free alarm output - sockets for the use of thermocouple plugs or simply with terminals are also available.

The heater can be connected via a shock-proof socket with all-pole fuse protection. The main switch disconnects the temperature controller 2-pole from the mains.

with diode socket type
HM-RX 1003

Features:

- PID self-tuning
- two displays for indication of setpoint and actual value
- operation via function key
- settings via parameter level
- input: Pt-100 or thermocouples
- freely adjustable temperature range 0-1200°C
- easy mounting in stand constructions
- controller plug-in unit exchangeable
- also available for nominal voltage 115V

with diode socket type
HM-RX 1004

Technical data   HM-RX1000

nomial voltage	230 V AC, also available for 115 V
switching power	2300 W
switching current	10 A
consumer connection	schuko built-in socket
sensor connection	see order data
alarm output	see order data
temperature range	0 - 1200°C
control accuracy	0,5 %
protection class	I
protection type	IP 20
power supply line	1,5 m with schuko-plug
dimensions	205 x 140 x 75 mm (B x H x T)

Order data

type	sensor connection	alarm connection	order-no.
HM-RX1001	diode socket	diode socket	65001001
HM-RX1003	thermo socket	clamps	65001003
HM-RX1004	clamps	clamps	65001004

Temperature sensor

sensor	type	technical data	diode plug	order-no.
Pt-100	HM-TP2	mantel element V2A bis 500°C Ø 4 x 50 mm, connection until 2000 mm	yes no	62002120 62000120
Pt-100	HM-TPG	mantel elementt in a glass pipe until 500°C Ø 6 x 400 mm, connection until 1500 mm	yes no	62002150 62000150
NiCr-Ni	HM-TNS	inconell rod probe 600 until 1200°C, Ø 1,5 x 300 mm, connection until 1500 mm	yes no	62002200 62000200
NiCr-Ni	HM-TNF	flat sensor V2A until 400°C, Ø 0,4 x 15 x 400 mm, connection until 1500 mm	yes no	62002250 62000250

Andere Temperaturfühler auf Anfrage

Accessories

controller plug-in unit	type HM-ST 48	order-no. 61001200

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Specifications are subject to change without notice   HM-RX1000-e 04/23