

Digital temperature regulator series HM-DTR

0 up to 1000°C



Description:

Electronic microprocessor controlled temperature regulator for demanding functions for the heating of machines, pipes and plants. Connections from heater and sensor are direct over clamps.

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 to 1000 °C
- switching power up to 16 A

Technical data

HM-DTR

nominal voltage	230 V AC
switching power	see order data
max. load current	16 A
input sensor	PT-100 or thermocouple
temperature range	0 -1000°C
protection class	I
protection system	IP 65
ambient temperature	- 20°C + 40°C
maincable	1,5 m with schuko plug
dimension	120 x 80 x 160 mm (w x h x d)

Order data

type	sensor connection	switching power W	switching voltage A	order-no.
HM-DTR	clamps	3650	16	61100500

Other temperature regulators or capillary pipe – thermostats on request.

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 bis 500°C, Ø 4 x 50 mm, wire length 3000 mm	62000140
NiCr-Ni	HM-TNS	stick element Inconel up to 1200°C Ø 1,5 x 300 mm, wire length 1500 mm	62000200

Other sensors on request



Electronic temperature regulator HM-RD 1000



Electronic temperature regulator HM-RD 2000



Regulator- and limiter combination HM-RD 3000



EExi-regulator combination HM-RD 4011

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