



Electronic Double Temperature Regulator



RD2011



RD2012

Description:

Two electronic microprocessor controlled temperature regulators for demanding task formulations in the heating of machines, systems and processes. The user has the choice between direct clamp connection and a joint connection of power consuming device and sensor over a multiple electrical outlet. The case can be easily changed.

Features

- stable table and wall casing with clear lid
- two temperature regulators in one casing
- very flexible through PID self-optimization
- each with two displays to indicate the set point and the desired value
- 2-pole illuminated main switch
- operation over function keys
- settings over the parameter level
- input : Pt-100 or thermocouples
- freely adjustable temperature range between 0 – 1200°C

Technical Data

MIL-RD2000

Nominal Voltage	230 V AC
Switching Capacity	see Order Sizes
Power consuming device and Sensor connection	see Order Sizes
Sensor Input	Pt 100 or Thermocouples
Temperature Range	0 – 1200°C
Regulator Precision	0,5 %
Regulator Conduct	PID
Protection Class	I
Protection Type	IP 65
Operational Temperature	0 – 50°C
Mains Connection Cable	1,5 m with two-pin grounded plug
Dimensions RD2011	198 x 212 x 162 mm (B x H x T)
Dimensions RD2012	165 x 160 x 135 mm (B x H x T)

Order Sizes

Type	Power consuming device and sensor connection	Switching Capacity W	Article No.
MIL-RD2011	Screw Terminals	3650	61002011
MIL-RD2012	Multipole Plug	3650	61002012

Further industry regulators or capillary tube thermostats deliverable on request

Accessories

Module	Type KM-AX4	Article No. 61001320
Pt-100 Sensor or Plug	Type MIL-PT	Sheath Element V2A up to 250°C Ø 4 x 50 mm, Connection 2000 mm Article No. 62000123
NiCr-Ni Sensor or Plug	Type MIL-TNF	Flat Sensor up to 400°C 2,5 x 9,2 x 400 mm, Connection 1500 mm Article No. 98102002
NiCr-Ni Sensor or Plug	Type MIL-TNS	Rod Sensor of Inconel 600 up to 1200°C 1,5 x 300 mm, Connection 1000 mm Article No. 98102003
Other sensor types on request		



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