



### ETS-D5

Electronic contact thermometer with 3 patented operating modes of IKA

- With optimised PID control
- RESET function
- Incl. stainless steel sensor H 62
- For all magnetic stirrers with contact thermometer bushing according to DIN 12878, class 2 e.g. IKA, Heidolph and Corning with adapter AD-C1)
- With 3 patented operating modes
- Ensures perfect temperature control without overshooting the set temperature, even in the case of quick heating

Patented: 3 modes of operation guarantee optimum adjustment to your working method:

- Operating mode A: Suitable for work with varying parameters (from -50 °C to 450 °C). Safety temperature adjustable
- Operating mode B: Suitable for series operation under uniform conditions

| Technical Data                             |                                               |
|--------------------------------------------|-----------------------------------------------|
| Temperature measuring range min. [°C]      | -50                                           |
| Temperature measuring range max. [°C]      | 450                                           |
| Temperature measurement resolution [K]     | 0.1                                           |
| Accuracy of temperature measurement [K]    | ±0.2 + tolerance PT1000 (DIN IEC 751 Class A) |
| Heat control accuracy [±K]                 | 0.1                                           |
| Control accuracy with sensor [±K]          | 0.5                                           |
| Immersion depth max. [mm]                  | 200                                           |
| Permissible ON time [%]                    | 100                                           |
| Dimensions (W x H x D) [mm]                | 82 x 83 x 22                                  |
| Weight [kg]                                | 0.2                                           |
| Permissible ambient temperature [°C]       | 0 - 60                                        |
| Permissible relative humidity [%]          | 80                                            |
| Protection class according to DIN EN 60529 | IP 54                                         |
| RS 232 interface                           | no                                            |
| Analog output                              | no                                            |
| DC Voltage [V=]                            | 8 - 16                                        |
| Current consumption [mA]                   | 15                                            |
| Ident. No.                                 | 0003378000                                    |

- Operating mode C: Suitable for unsupervised operation

All values are taken from the memory. This ensures perfect protection against inadvertent improper adjustment.

Accessories: H 70 Extension cable, H 62.51 Stainless steel sensor, H 66.51 Stainless steel sensor, glass-coated, H 44 Boss head clamp