

## Thermometers with universal industrial application / Universal Industrial Thermometer

### Application:

This type of thermometers is widely used in different areas of industry and households, as:

- heating plants,
- district heating stations,
- refrigerating plants,
- air-conditioning plants,
- different types of laboratory, industrial and household equipment.



### TECHNICAL CHARACTERISTICS:

|                                       |                                                                           |
|---------------------------------------|---------------------------------------------------------------------------|
| Dial Diameter:                        | 33 mm, 40 mm, 52 mm, 63 mm, 80 mm, 100 mm.                                |
| Stem Length (standard):               | 40 mm, 50 mm, 100 mm, 150 mm.                                             |
| Stem Diameter (standard):             | 9 mm.                                                                     |
| Ranges – standard for all sizes (°C): | -30...+50, -20...+60, 0.. 80, 0...100, 0...120, 0...160, 0..200, 0...300. |
| Accuracy:                             | 1,6 (+/- 1,6% FS).                                                        |
| Pocket:                               | Brass and G1/2" connection.                                               |
| Case:                                 | Zinc-coated steel.                                                        |
| Ring:                                 | Chromium plated steel.                                                    |
| Window:                               | Plastic up to 120 °C and Glass for higher temperatures.                   |
| Pointer:                              | Black, plastic or aluminium.                                              |
| Scale:                                | White with black digits and logo.                                         |

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### ADVANTAGES:

All manufacturing processes are done at one place. This allows full implementation of quality control at every stage of manufacturing.

Meets standard KMG in accordance with all international standards for this type of thermometers.

An important advantage is significantly improved heat transfer between the protective socket and stem of the thermometer. This improves significantly as the reaction time and the accuracy - especially for types with a short stem (below 50 mm probe).

## SPECIFICATIONS:

- This type is used for measuring the temperature of air, water or other non-aggressive to brass media (oil, gas, engine oil, etc.).
- Good accuracy - Class 1.6 (+ / - 1.6% of measuring range).
- The thermometer must be mounted with protective brass sleeve.
- The thermometer body (case) must be mounted only on places protected from direct water or other liquids access.
- External adjustment and calibration.
- The thermometer must be protected against shocks and vibrations.
- The effective design allows to be mounted in a luxury industrial, laboratory, and other household appliances.
- The combination of good quality, good design and low price makes them suitable for use in machines, appliances and equipment manufactured in large series.



Standard sleeve



New type sleeve

More precise calibration of the hole size of the sleeve with the probe.

Increased length of contact between the stem and the measured fluid.

- Warranty – 2 years.

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