

### Metrological characteristics

1. Relative humidity measurement range with temperature and relative humidity sensor type SHT, %	from 8 to 95
2. Temperature measurement range by temperature sensor and relative humidity type SHT, °C	from minus 40 to plus 120
3. Temperature measurement range with temperature sensor type TMP, °C	from minus 55 to plus 125
4. Range of signal conversion from thermoelectric converter type K, °C	from minus 199 to plus 1300
5. Limits of permissible absolute error when measuring relative humidity at a temperature 25 °C, SHT sensor with extension (without extension), %, in the ranges: – from 8% to 95% inclusive	±4
6. Limits of permissible absolute error when measuring temperature with an SHT type sensor with an extension, °C, in the ranges: – from minus 40 °C to plus 5 °C inclusive – over 5 °C to 60 °C inclusive – over 60 °C to 120 °C inclusive	±1 ±0,5 ±1,5
7. Limits of permissible absolute error when measuring temperature with a TMP type sensor, °C, in the ranges: – from minus 55 °C to minus 30 °C inclusive; – over minus 30 °C to minus 10 °C inclusive; – over minus 10 °C to plus 85 °C inclusive. – over 85 °C to 100 °C inclusive – over 100 °C to 125 °C inclusive	±2 ±1 ±0,5 ±1 ±2
8. Limits of permissible absolute error from a K-type thermoelectric converter, in the ranges: – from minus 199 °C to minus 100 °C inclusive; – over minus 100 °C to plus 100 °C inclusive; – over 100 °C to 700 °C inclusive – over 700 °C to 1300 °C inclusive	±2 ±1 ±2 ±4