
YGM1 Series PTC Thermistor

Description

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The special field of these sensors lies in the area of the heavy-load motors (3-phase, 1-phase), in which no direct disconnection due to the high current is possible. The motor PTC is used as a sensor and, like a temperature switch, emits a very high resistance level from a certain response temperature level. Through this method, for example, it is possible to switch a fuse by means of an evaluation unit.

Characteristics

- very small size for a fast Response
- Cable length standard: 0.5m
- Coding of the temperature through definition. colours of the strands

Functions

- Temperature Sensor
- Therm. motor protection

Application Areas

- Electrically Actuated Motors
- Heavy-Duty Motors
- Mechanical Engineering