Fast Facts

Temperature sensor with T-adapter for fluids

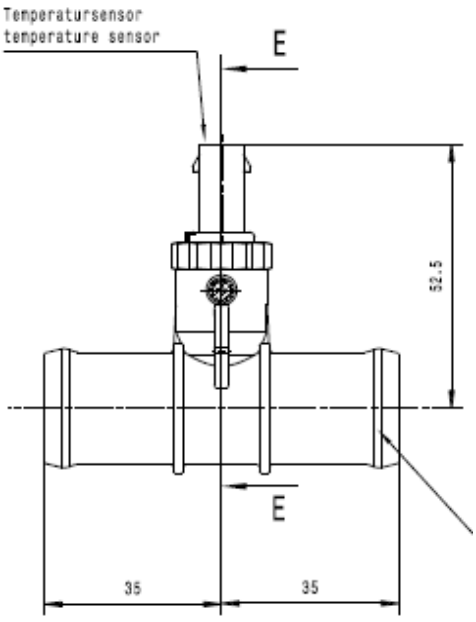
High sophisticated temperature sensors by Kyocera AVX already equipped with specially designed T-adapter can be easily mounted to customer`s line system. Because of its really good thermal decoupling measurement inside a fluid line is reliable, quick and precise. Combination of different temperature sensor designs with adapter give users flexibility in applications like thermo management architecture of E-vehicles.
M12 x 1,5 thread makes substitution easy and fast. It is in usage with OEMs and Tier 1 / 2 suppliers globally.

Special Features

- Wide temperature range -40 °C … 150 °C
- Sensing element: resistor with NTC characteristic
- Electrical interface: analog signal (resistor e.g. 10kΩ @ 25 °C)
- Mechanical interface: inline adapter on customers spec.
- RoHS / REACH compliant (Pb-free accord. to techn. rules)
- Integrated connector e.g. MLK 1.2 (IP6K9K) – see USCAR rules

Typical Applications

- Easy handling with screw-in fixation in adapter (fluids like e.g. coolant, different oils) for substitution
- Harsh environments (e.g. axle gear of vehicles)
- Different T-adapter designs available or on customers request



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