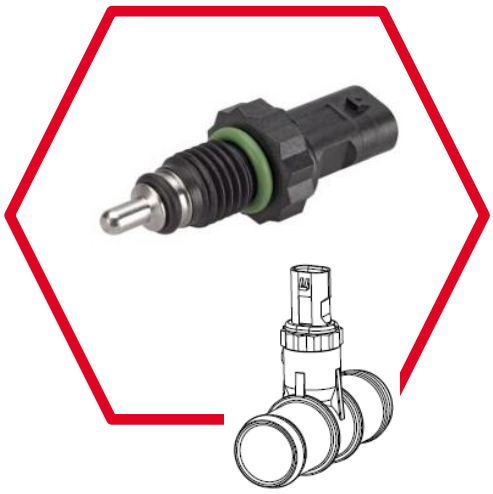
Fast Facts

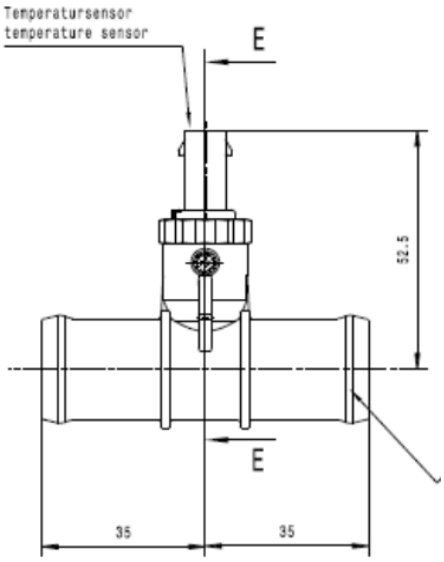
Screw-in Temperature Sensor with T-adapter for fluids 94086_M12_MLK_stainlesssteel_2.25k

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 excellent 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 thermal 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

- Temperature range: −40 °C to +150 °C
- Sensing element: NTC thermistor (2.25 kΩ @ 25 °C)
- Electrical interface: Analog output signal
- Mechanical interface: M12 × 1.5 male thread
- Integrated Connector: MLK 1.2 with IP6K9K
- Different sealing options available
- Sensor housing: stainless steel
- RoHS / REACH complaint



Typical Applications

- Monitoring of liquid media such as oils, coolants, and hydraulic fluids
- Use in harsh industrial environments, mobile machinery, and automotive subsystems
- Cooling circuits, hydraulic systems, lubrication lines, and industrial fluid management
- Different T-adapter designs are available or can be made on customers' request

Key Technologies

NTC

- Fast and precise temperature detection
- Versatile in use
- Robust integration

General Note This datasheet does not give any information on product availability. The information given is just meant to describe the product and is not to be considered as guaranteed characteristics in the legal sense. All products are subject to design changes in the interest of further technical development. Copyright: KYOCERA AVX Components (Werne) GmbH (GER)
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