Fast Facts

Quick Temperature sensor

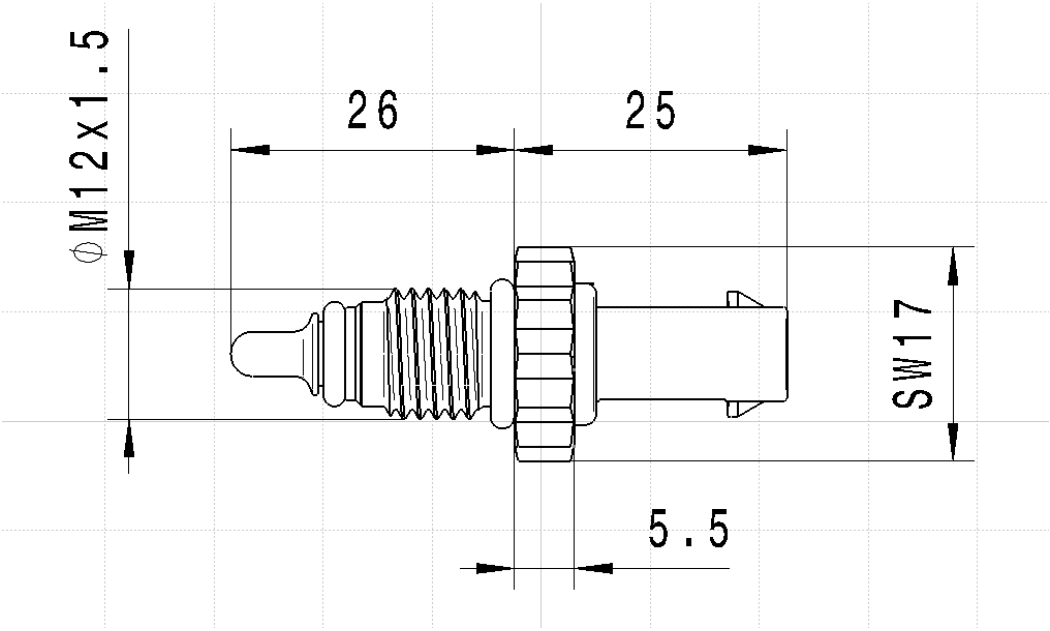
Temperature sensors by Kyocera-AVX determine temperature reliably, quickly and precisely in liquid or gaseous media such as water (coolant), oil, fuel and intake/charge air.
Because of its extraordinary thermal decoupling and robustness beside precise measurement our temp sensors are more and more used in thermo management architectures.
Short response time and temperature range up to 150°C give customers the possibility of high sophisticated temperature monitoring.
With more than 30 years of experience in developing and producing temperature sensors, we are well positioned to partner with OEMs and Tier 1 / 2 suppliers on a global scale.

Special Features

- Wide temperature range -40° C … 150° C
- Sensing element: resistor with NTC characteristic
- Electrical Interface: analog signal (resistor e.g. 2,07kΩ @ 25° C)
- Mechanical Interface M12 x 1.5 plastic male thread
- RoHS / REACH compliant (Pb-free accord. to techn. rules)
- Integrated connector MLK 1.2 (IP6K9K) – see USCAR rules
- Sensor tip made of brass or different stainless steel

Typical Applications

- Easy Handling with screw-in fixation (fluids like e.g. coolant, different oils)
- Well thermal decoupling
- Different O-ring materials available (EMPM, FKM etc.)



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