Fast Facts

Temperature sensor for transmission

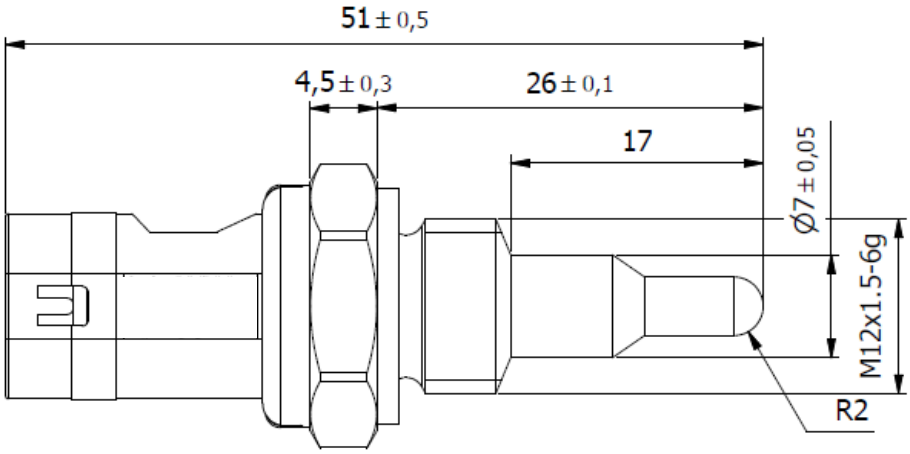
With a temperature measuring range of -40 °C up to 200 °C and an analog-continuous signal this sensor provides the perfect solution for mobile and industrial applications in temperature measurement. Having most robust and compact design it can be used in nearly all positions. That combination of used materials is especially dedicated to measure fluids. Proven design provides fastest response performance available in the market.

Special Features

- Wide temperature range -40 °C … 150 °C (200 °C on request)
- Sensing element: resistor with NTC characteristic
- Electrical interface: analog signal (resistor)
- Mechanical interface M12 x 1.5 male thread
- RoHS / REACH compliant (Pb-free accord. to techn. rules)
- Integrated connector MLK 1.2 (IP6K9K) – see USCAR rules
- Housing with brass or stainless steel available

Typical Applications

- Easy handling with screw-in fixation (fluids like e.g. coolant, different oils)
- Harsh environments (e.g. axle gear of vehicles)
- Different gasket materials available (e.g. Cu, Al, tin plated Cu) + O-ring sealing



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