Fast Facts

High temperature sensor with thermocouple

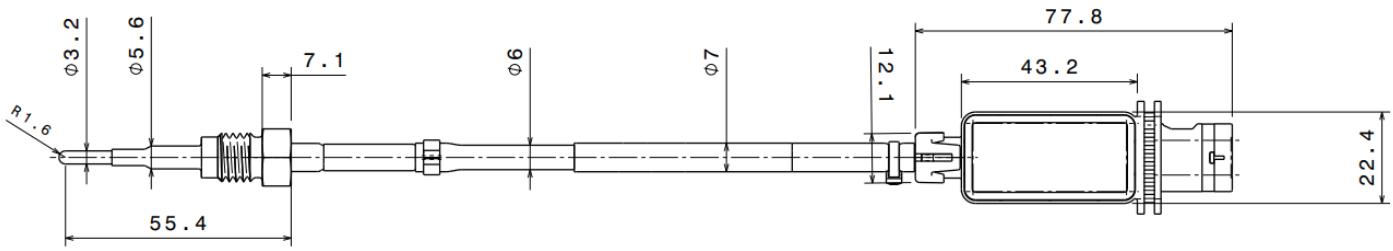
For temperature measurement between -40 to +1200 °C our sensor solution using thermo couple technology is must have. Using in-house produced thermo couple elements our sensors provide fast responded digital temperature signals. Signal proceeding to SENT, CAN or USB output gives users full flexibility to monitore various temperatures including very high up to 1200 °C.
That combination of used materials is especially dedicated to measure exhaust gases of combustion engines or to be used in chemical applications with one or two tips.

Special Features

- Wide temperature range -40 °C … 1200 °C
- Sensing element: Thermo couple Type N
- Electrical interface integrated in connector: digital (SENT, CAN, USB)
- Easy handling with screw-in fixation

Variants

- Cable length: 500 to 1500 mm (other on request)
- Measuring deep: 30, 35, 60 mm (other on request)
- Sensor angles: 55, 60, 90, 100, 110° (other on request)
- Fixation: nut M12, M12 x 1, M14 x 1,5
- 1 sensor element, 2 sensor elements



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