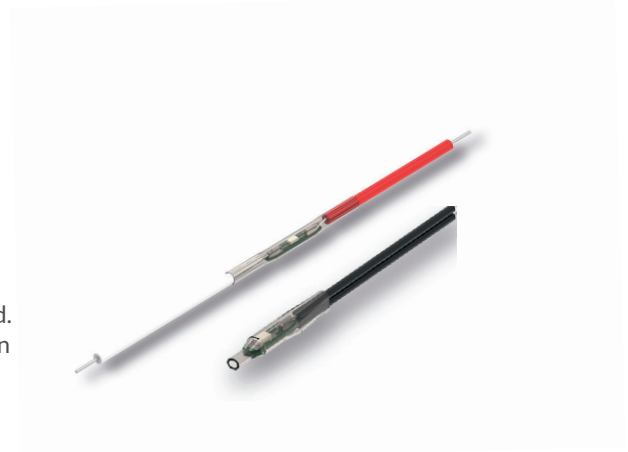


Minisensor

Description

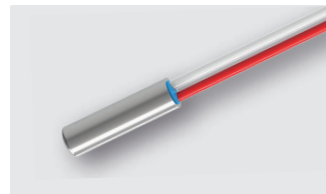
The minisensor is a small but robust design for temperature sensors with any sensor chip (PT / PTC / NTC). The platform offers possibility to connect any chip size 0603 and to contact it via a pair of stranded wires. In the version with heat shrink tubing, very small diameters can be achieved. For more protection one exchanges some space for a more resistant version with housing. Here, one can decide for a housing made of plastic or metal, depending on the application.



Housing Options



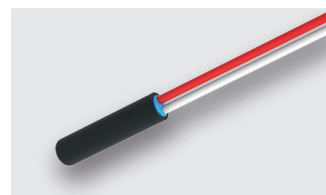
shrink sleeve
radial
(diameter approx. 2,5mm - AWG28)
AWG 24, 26, 28
(further options on demand)



housing stainless steel
potted
(diameter approx. 3,0mm)
AWG 26, 28
(further options on demand)



shrink sleeve
axial
(diameter approx. 2,5mm - AWG24)
AWG 24, 26, 28
(further options on demand)



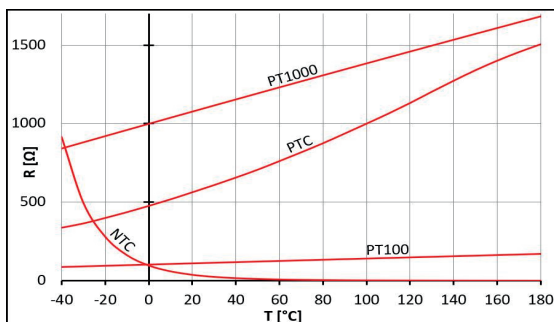
housing PPS
potted
(diameter approx. 3,0mm)
AWG 26, 28
(further options on demand)

The Minisensor is available as PT (e.g. PT100 or PT1000) or as NTC or PTC on request.
Operating temperature range: PT sensors from -40°C to +150°C (+170°C - short term)

NTC and PTC from -40°C to +125°C (up to +150°C on demand)

Internally, the setup has already been tested positively with PT1000 and NTC 10kΩ in a thermal shock test (500 Cycles).

Characteristics curve



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