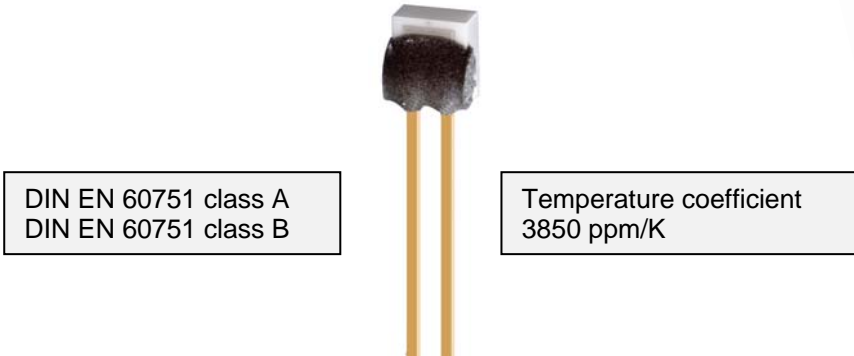




Application

Special accuracy and Temperature coefficient (TCR)

General Situation



Innovative Sensor Technology Solution

DIN EN 60751 class A
DIN EN 60751 class B
1/3 DIN EN 60751 class B
1/5 DIN EN 60751 class B
1/6 DIN EN 60751 class B
1/10 DIN EN 60751 class B

DIN EN 60751 class A
DIN EN 60751 class B
Customer specific

Customer specific

Temperature coefficient (TCR)
Platinum:
3850 ppm/K, PW (DIN EN 60751)
3911 ppm/K, PG (GOST 8.625-2006)
3916 ppm/K (JIS C 1604)
Nickel:
5000 ppm/K, NL (DIN 43760)
6180 ppm/K, ND (DIN 43760)
6370 ppm/K, NJ (DIN 43760)
6720 ppm/K, NA (DIN 43760)
Copper:
4280 ppm/K, SC (GOST 8.625-2006)

Not every accuracy class is available in each temperature coefficient

Temperature sensor elements from IST AG

- Classes up to 1/10 DIN EN 60751 class B
- Wide range of temperature coefficient
- 50 up to 10'000 ohm nominal resistance
- High working range, high tolerance of temperature range (-200°C to +1000°C)
- Wide choice of connections (platinum, nickel, silver, copper, isolated e.g.)
- Over 15 different sizes, including SMD and FC (Flip chip)
- Customized sensor elements available



INNOVATIVE SENSOR TECHNOLOGY

