

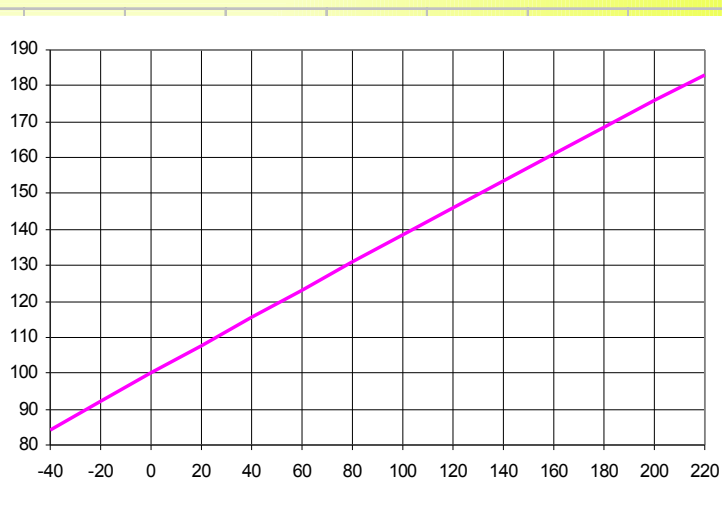
Related DX1012 temperature sensor is designed for use in the DUEL regulation system, but also in other applications where a sufficient measuring range $-30\text{ }^{\circ}\text{C}$ to $200\text{ }^{\circ}\text{C}$.

The sensor element is placed in the tip of the copper, surface-treated cases a diameter of 6 mm.

The cable is silicone, type TBVS, its length is 2.5 m as standard. Contract production is possible with any other sensor cable lengths.

- Sensor Pt100
- Coated case
- Heat resistant cable
- Mounting in \varnothing 6 mm bushings

| Temp [°C] | R [Ω] |
|-----------|--------|
| -40 | 84,27 |
| -20 | 92,16 |
| 0 | 100,00 |
| 20 | 107,79 |
| 40 | 115,54 |
| 60 | 123,24 |
| 80 | 130,89 |
| 100 | 138,50 |
| 120 | 146,06 |
| 140 | 153,58 |
| 160 | 161,04 |
| 180 | 168,47 |
| 200 | 175,84 |
| 220 | 183,17 |



Technical data

| | |
|-----------------------|----------------------------------------------------------------|
| Measuring component | PT100 |
| Cable type | TBVS 2x0,25 |
| Cable length | 2.5 m |
| Mechanical dimensions | \varnothing 6 mm x 80 mm |
| Measure range | $-30\text{ }^{\circ}\text{C}$ to $200\text{ }^{\circ}\text{C}$ |
| Measure accuracy | 1% |

