PT100 DATASHEET	
CODE:	**P T 1 0 0 S 1 0 X F L X X X**

PART NUMBER DESCRIPTION:
PT100: resistance type PT100   **S10:** silicon type cap diameter 6,0 mm   **XFL:** number of wire 3FL three wires, 4FL four wires.   **XXX:** length of the probe (example 025 for 2,5 meters, 100 for 10 meters)

TECHNICAL DATA
Temperature range: -50/ +200 °C   **Internal active sensor:**   **100 ohm at 0 °C, alpha coefficient: 3850 ppm/K**   **Precision 1 din (Class B)**   **Elements: 1**   **Connections: three wires for code 3FL, four wires for code 4FL.**   **IEC 751, D I N   E N   6 0 7 5 1 normative**   **Max sensor temperature allowed: 400°C**   **Wires:**   **Flexible copper wires section 0.22 mm^2**   **Cable with three wires or four wires (see P.N. code)**   **Shield: aluminium tape and security wire.**   **Length: (see P.N. code).**   **Colour:**   **3FL code: one red and two white.**   **4FL code: two red and two white.**   **Wires Isolation: silicone rubber.**   **External protection: silicone rubber.**   **External colour: grey.**   **Sensor:**   **Sensor Isolation: mylar glass fiber.**   **Sensor closure: silicon resin.**   **External cap: silicon resin.**

TESTS
Insulating test between capsule and copper wire 2,5 KV AC for 60"   **Dimensional and visual control 100%**   **Functional control 100%**

Rel. 2016.01