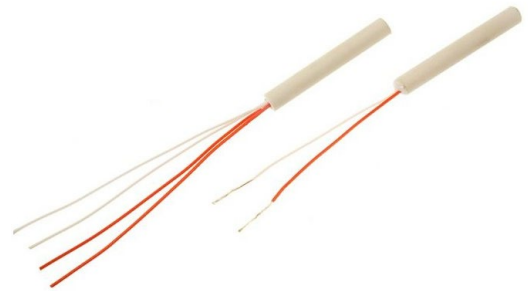


# Ceramic Sheathed Pt100 Inserts



## Features

- The ceramic outer casing provides excellent insulation and protection, allowing these sensors to operate reliably in environments
- This durability ensures a longer lifespan and reduces the likelihood of damage in demanding industrial environments
- The ceramic sheath provides a high level of resistance to corrosive substances and chemicals



## Specification

|                         |                      |
|-------------------------|----------------------|
| Cable Length            | 50 mm or 450 mm      |
| Insulation Material     | PTFE                 |
| Element                 | Pt100                |
| Cable Termination       | Bare End             |
| Detector Dimensions     | 5 x 35 mm            |
| Number of Wires         | 2 or 4               |
| Conductors              | 7                    |
| Conductor Cross-Section | 0.15 mm <sup>2</sup> |
| Cable Type              | Insulated Wires      |
| Temperature Range       | -50 ... 250 °C       |
| Tolerance               | Class B              |

## Product Range

| Diameter | Length | Lead/Wire                | Lead/Wire Length | Code          |
|----------|--------|--------------------------|------------------|---------------|
| 5 mm     | 35 mm  | 2 wire 7/0.2 mm SPC PTFE | 50 mm            | RND 410-00289 |
| 5 mm     | 35 mm  | 4 wire 7/0.2 mm SPC PTFE | 450 mm           | RND 410-00290 |