

**STRAIGHT RTD PROBE**  
**TYPE: SPxAi**



- **Heavy duty Construction (stainless steel or steel)**  
13.5 to 21.3 mm diameter
- **For any type of high flow rates application**  
Large dimension piping  
Vat or tank  
Good resistance to shock and vibration
- **For any type of application in corrosive or reducer areas**
- **Interchangeable measure element**
- **Suitable on most process connection**



**Models available in ATEX and IECEx version**  
**Intrinsic safety Gaz and Dust**



SP..Ai type sensors are intended to measure harsh environment industrial temperature, with large section sheath. For use on large piping or tank. Direct output or loop powered.

**TECHNICAL SPECIFICATION :**

- **Connecting head :** Light alloy DAN - V (IP 65) type.  
Hinge mounting cap with closing by screw,  
M20x1.5 cable gland output.
- **Protection sheath :** 316 L stainless steel, carbon steel or refractory steel,  
Ø 13,5 mm to Ø 21,3 , 2,6 mm wall thickness
- **Measure element :** Single or duplex winding,  
304 L stainless steel sheath, Ø 6 mm, 0,4 mm  
wall thickness.
- **Sensitive element :** Pt 100 Ohms to 0 °C according to CEI 751 class B norm  
2, 3, 4 or 6 wires mounting  
Using temperature : -50°C/+ 600 °C (in option :+ 850 °C)
- **Fastening :** Oval sliding flange  
Sliding connector  
Welded connector  
Welded flange  
(other fastening types on request)
- **Options :** In head embedded transmitter (loop powered)  
ADF, PVC and other head on request  
RTD class type: A, 1/3 B, 1/10 B, ... in option.

**Fastening  
Accessory**



