Series SC Sheath Pt 100 temperature probe with cable

INFORMATIONS

Sensing element

Pt100 single or duplex
with tolerance class B, A or AA according to IEC 60751 (EN 60751)

Temperature range

-200 to + 600 °C

External sheath

AISI 316L seamless semi-flexible sheath with mineral oxide filling.
Can be bended with a radius equal to 3 times the sheath diameter.
Totally watertight
Diameter: 6 mm by default, 4,5 and 3 mm available on request.
Length: standard 300 mm, any other length on request.
Can be made in very large lengths.

Process connection

None
Sliding connector in option.

CABLE

Standard Teflon-silicone cable, other insulation materials available on request (see instrumentation cable catalogue for more details).
Cable length: 3 meters, other lengths are also available in option.

wiring

1 x 3-wire connection (1 x 4, 2 x 2, 2 x 3-wire connection available on request, depending on the sheath diameter)

APPLICATIONS

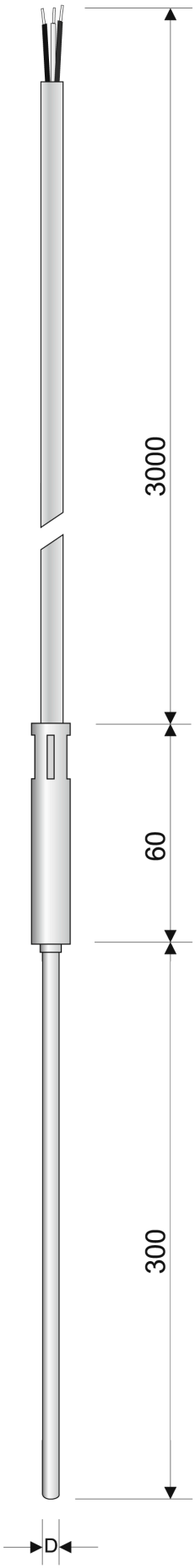
General purpose probe for high temperature measurement or when high mechanical resistance is required.
Long reach probes
Immersed watertight probes

OPTIONS

Sliding Connector Ex Design



Thicker tip to suit machine wells


3000
60
300
D

Description	Standard	Your requirements

Thermo element		
Measuring element	❍ 1 x Pt100 (as standard) ❍ 2 x Pt100	
Precision class	❍ Class A ❍ Class AA ❍ Class B as standard	
Wire arrangement	❍ 1 x 4-wires ❍ 1 x 3-wires as standard ❍ 2 x 2-wires ❍ 2 x 3-wires	
Temperature range	❍ -200 / 600°C as standard ❍ Temperature range, please specify	

Immersion zone		
Insertion length	❍ 300 mm (as standard) ❍ Required length (mm)- please specify	
Diameter	❍ 6 mm (as standard) ❍ 4,5 mm ❍ 3 mm	
Sliding connector (option)	❍ None (standard) ❍ Sliding connector - please specify the thread	

Cables		
Cable insulation	❍ Other, please specify ❍ Teflon/silicone (as standard)	
Cable length	❍ 3 meters as standard ❍ Other length, please specify	
Cable protection	❍ None (standard) ❍ Bending spring ❍ Cable Sleeve Wrap ❍ Other (please specify)	

Identification		
Identification	❍ Other, please specify ❍ Self-adhesive label	
Tag plate	❍ Not required (standard) ❍ s.s. tag plate with P&ID number ❍ PVC tag plate with P&ID number	

Other requirements		
Calibration	❍ BELAC calibration required - please specify the temperature calibration points ❍ Not required (as standard)	
Certificates (option)	❍ None required ❍ Conformity certificate ❍ Material certificate ❍ ATEX Ex ia (intrinsic safety)with certificate	