SI1105 series - general purpose Pt100 probe with cable

INFORMATIONS

Sensing element

Pt100 single or duplex
with tolerance class B, A or AA according to IEC 751 (EN 60751)”

Temperature range

Standard -200 to +260°C.

External sheath

“AISI 316L seamless tube – wall thickness 1 mm
Diameter: 6 mm by default, other diameters available on request.
Length: standard 50 or 100 mm, any other length on request”

Process connection

“None
Sliding connector in option”

Cable

Standard PFA, other insulation materials available on request (see instrumentation cable catalogue for more details).
Cable length: 1 meter, other lengths are also available in option

Wiring

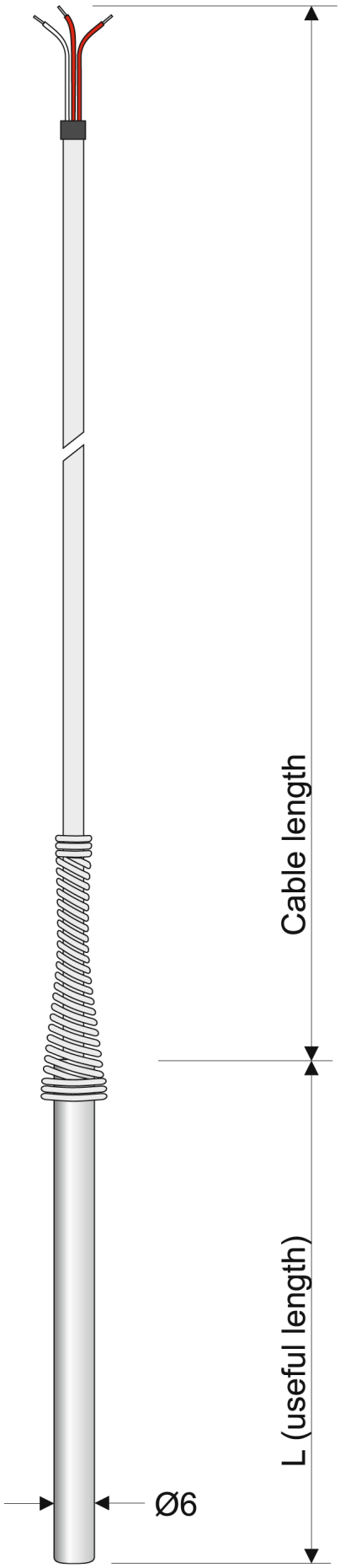
1 x 3-wire connection. (1 x 2, 1 x 4, 2 x 2, 2 x 3-wire connection available on request)

APPLICATIONS

General purpose measurement probe for temperature monitoring in storage and cold rooms, machines, testing and laboratory equipments

OPTIONS

IP68 autoclavable Design Version Ex


Ø6
L (useful length)
Cable length

Description	Standard	Your requirements

Thermo element		
Measuring element	❍ 1 x Pt100 (par défaut) ❍ 2 x Pt100	
Precision class	❍ Class A ❍ Class AA ❍ Class B as standard	
Wire arrangement	❍ 1 x 4-wires ❍ 1 x 2-wires ❍ 1 x 3-wires as standard ❍ 2 x 2-wires ❍ 2 x 3-wires	
Temperature range	❍ -200 / 260 °C as standard ❍ Other range, please specify	

Immersion zone		
Measuring tube	❍ Other dimensions - please specify ❍ s.s. tube AISI 316 Ø6 x 100 mm ❍ s.s. tube AISI 316 Ø6 x 50 mm	
Sliding connector (option)	❍ None (standard) ❍ Sliding connector - please specify the thread ❍ Other (please specify)	

Cables		
Cable insulation c	❍ Other insulation ❍ PFA / PFA (as standard)	
Cable length	❍ 1 meter as standard ❍ Other length, please specify	
Cable termination c	❍ Connector - please specify brand and model ❍ Cable lugs	
Cable protection	❍ None (standard) ❍ Cable Sleeve Wrap ❍ Bending spring	

Cables		
	❍ 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		
Fully watertight construction option	❍ None (standard) ❍ Watertight IP68 option	
Calibration	❍ 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	