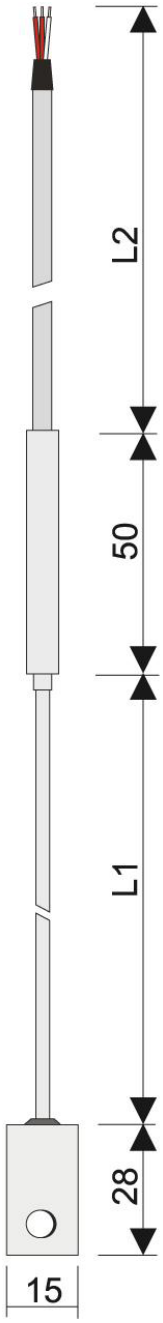
SP1244 Contact Pt100 probe for measurement at the surface



INFORMATIONS

Sensing element

Pt100 single ceramic element
with tolerance class B or A according to IEC 60751 (EN 60751)

Temperature range

-100 to +400°C

External sheath

AISI 316L Ø 3mm semi flexible sheath with mineral oxide filling. Length (L1) 300 mm – any other length on demand. Massive brass contact block 28x15x6mm

CABLE

Standard Teflon/silicone rubber PVC, FEP, PFA, glass fibres available in option.
Cable length (L2): 1 meter, other lengths are also available in option.

WIRING

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

APPLICATIONS

General purpose surface mount.

OPTIONS

Connector Ex design

Description	Standard	Your requirements

Thermo element		
Manufacturing standard	❍ IEC 60751	
Measuring element	❍ 1 x Pt100	
Precision class	❍ Class A ❍ Class B as standard	
Wire arrangement	❍ 2-wire arrangement ❍ 3-wire arrangement as standard ❍ 4-wire arrangement as standard	
Temperature range	❍ -100 / 400 °C as standard ❍ Specific range, please specify	

Immersion zone		
Contact block	❍ Brass 28 x 15 x 6 mm	
Extension tube	❍ other length - please specify ❍ Length L1=300 mm (as standard)	
Junction	❍ Standard fixed junction Ø7 x 50 mm	

Cables		
Cable insulation c	❍ Other insulation ❍ Teflon/silicone (as standard)	
Cable length	❍ Other length, please specify ❍ L2=1 meter as standard	
Cable termination c	❍ Connector - please specify brand and model ❍ Cable lugs	

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	❍ Calibration required - please specify the temperature calibration points ❍ Not required (as standard)	
Certificates (option)	❍ Conformity certificate ❍ ATEX Ex ia (intrinsic safety)with certificate	