

# DWR 6090 Penetration resistance thermometer (USDA)

## Design

Designed for use on ships

## Type Approval

LLoyds Register Marine

## Category

LV2000 range

## Protection tube

### Material

SS 316 - ( Wst 1.4401 ) standard, other materials possible

### Tip diameter

6.0mm standard, other diameters possible

### Tip

Sharp

## Cable

Rubber insulated flexible cable

### Cable length

7000mm standard, other lengths possible

## Sensor

Single or Duplex Pt100

### Style / Connection

3-wire system standard, 4-wire system optional

### Accuracy

According IEC 60751 class A

### USDA version

Tolerance:  $\pm 0.05^{\circ}\text{C}$  at  $0^{\circ}\text{C}$

### Range

$-30 / +60^{\circ}\text{C}$

### Testing

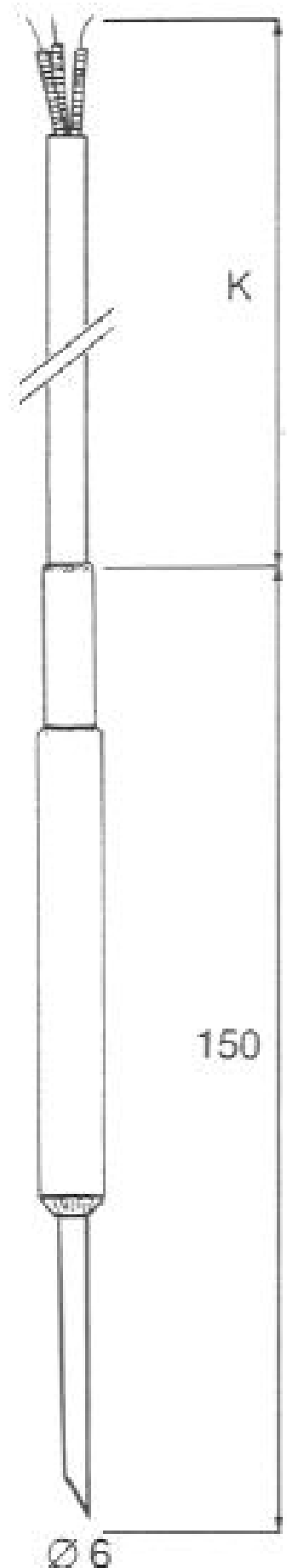
Tested 200 Volt @  $20^{\circ}\text{C}$

### Insulation

Minimum 100 Mohm

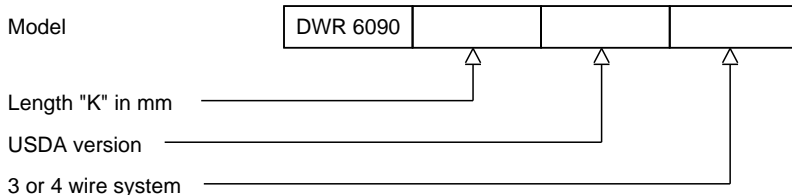
### Protection

IP 65



## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.



H6-1 Rev. 07/07



**thermo-electra**  
temperature sensor solutions

Thermo Electra B.V.  
Weteringweg 10  
2641KM Pijnacker  
The Netherlands

Phone +31 (0)15 - 3621200  
Fax +31 (0)15 - 3694082  
Email sales@thermo.nl  
http://www.thermo-electra.com

