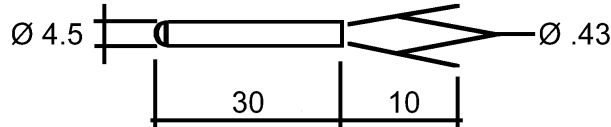




SDI Technical Data

PT100/30H



All measurements in millimeters

Point of Calibration: 5 mm from body

SPECIFICATIONS:

NOMINAL RESISTANCE 100 OHMS @ 0° C

TOLERANCE BANDS +/- .10% @ 0° C, BAND 1
 +/- .05% @ 0° C, BAND 2
 +/- .03% @ 0° C, BAND 3
 +/- .02% @ 0° C, BAND 4
 +/- .01% @ 0° C, BAND 5

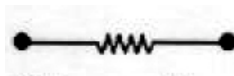
TEMPERATURE COEFFICIENT: $0.00385 \Omega \cdot \Omega^{-1} \cdot ^\circ\text{C}^{-1}$

α , Delta, Beta, A, B, C

TEMPERATURE RANGE: -200 TO +661 °C

RESPONSE TIME in SECONDS:

Water V=1m/s		Air V=1m/s	
50%	90%	50%	90%
0.520	1.700	33.0	95.0



100 Ω

Sensing Devices Inc.

1809 Homestead Lane, Lancaster PA 17601-5837

Phone: (717) 295-2311 Fax: (717) 295-2314

E:mail: info@sensingdevices.com