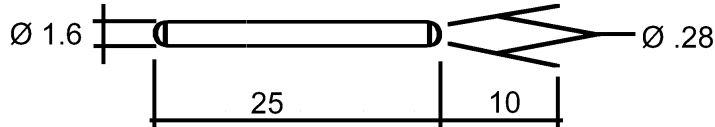




# SDI Technical Data

## PT500/1A



All measurements in millimeters

Point of Calibration: 5 mm from body

### SPECIFICATIONS:

NOMINAL RESISTANCE 500 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

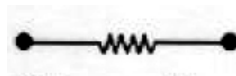
TEMPERATURE COEFFICIENT:  $0.00385 \Omega \cdot \Omega^{-1} \cdot ^\circ\text{C}^{-1}$

$\alpha$ , 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%
0.190	0.450	7.0	24.0



500       $\Omega$

## Sensing Devices Inc.

1809 Homestead Lane, Lancaster PA 17601-5837

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

E:mail: [info@sensingdevices.com](mailto:info@sensingdevices.com)