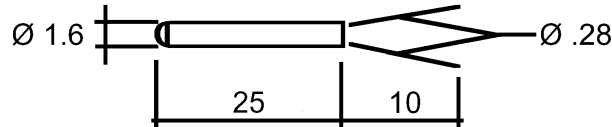




# SDI Technical Data

## CD100/1AX\*



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

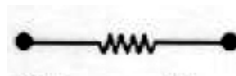
TEMPERATURE COEFFICIENT: .003920  $\Omega \cdot \Omega^{-1} \cdot ^\circ\text{C}^{-1}$

$\alpha$ , Delta, Beta, A, B, C

TEMPERATURE RANGE: -200 TO +750 °C

RESPONSE TIME in SECONDS:

| Water<br>V=1m/s |      | Air<br>V=1m/s |      |
|-----------------|------|---------------|------|
| 50%             | 90%  | 50%           | 90%  |
| .200            | .350 | 8.0           | 25.0 |



100     $\Omega$

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