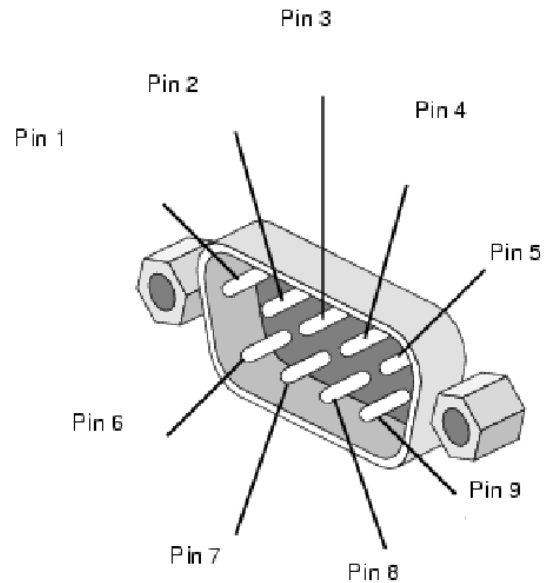
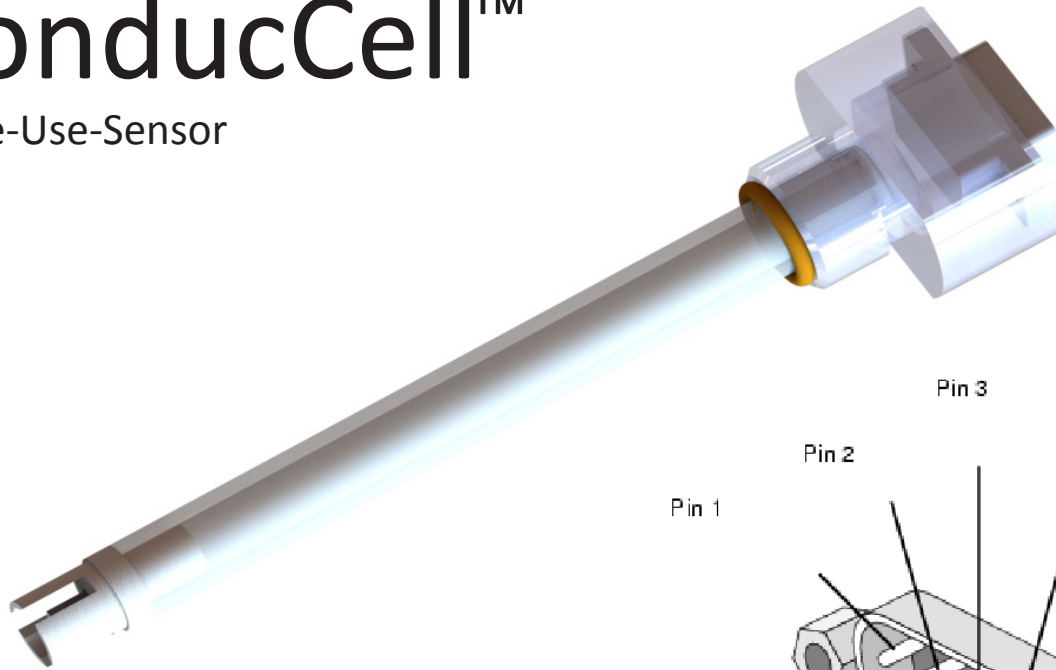
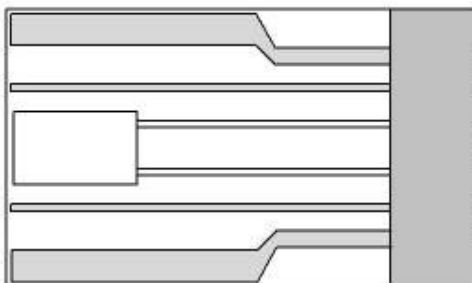


# ConducCell™

Single-Use-Sensor



## Sensor element



- 1 = I2 D-sub pin 1 current
- 2 = V2 D-sub pin 6 data
- 3 = T2 D-sub pin 2 Pt1000
- 4 = T1 D-sub pin 7 Pt1000
- 5 = V1 D-sub pin 3 data
- 6 = I1 D-sub pin 8 current
- D-sub pin 4 free
- D-sub pin 9 program
- D-sub pin 5 ground

## ConducCell dual conductivity Single-Use-Sensor specification:

- PG 13.5 x OD12 x 120 mm body
- Material in media contact; Alumina, platinum, PC, Nylon, Silicone, UV/epoxy glue
- Connector: D-sub-9
- Ceramic conductivity chip range 1-200 mS/cm
- Cell constant: typical 0.66 1/cm at 1.4 mS/cm
- Measuring frequency range: 100 Hz to 3 kHz
- Voltage supply: <0.7 V
- Measuring current: 0.3 mA
- Characteristics curve: 3850 ppmK
- Pt1000 according to DIN EN60751, class C, F 0.6
- Operating lifetime: >3 month
- Operating temperature, °C: 10-50