

# Literature APPLICATION Guide

## IEC60601-1-8 AM1 & AM2 (2020)

### Medical Piezo Transducers (No Circuitry)



- Approved to IEC 60601-1-8 AM1 & AM2 (2020)
- UL File # MDAF2.E480572
- cUL File # MDAF8.E480572
- The user needs to apply a square wave signal at the rated drive frequency (200 Hz).
- This results in a sound with one frequency component < 1 kHz and at least 4 frequency components between 150 Hz and 4 kHz. Also, the relative sound pressure levels of the four frequency components with the largest sound pressure levels will be within 15 dB of each other.
- It is up to the user to adjust the control signal to meet the required rise time and fall times listed in Tables 3 & 4.

### IEC60601-1-8 Piezo Transducer (No Circuitry)

Part Number	Typical Sound Level @ 10 cm	Freq (Hz)	Operating Voltage (Vp-p)	Current (mA)	Capacitance (pF)	Dia x Hgt (mm)	Housing Type
SBT200PC	90 dBa	200	1 - 30	1.5 - 10	70,000	44.5 x 14	2 PC Pins
SBT200FL	90 dBa	200	1 - 30	1.5 - 10	70,000	64.5 x 14	Flange w/Bare Wires

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