



MEA2100-HS256

for Use with MCS Interface Board 3.0 Multiboot



Technical Specifications

Operating temperature Dimensions (W x D x H) Type of cable to interface board **Integrated Amplifier** Number of recording channels Signal input voltage range Bandwidth Data resolution Sampling frequency per channel Input impedance Integrated Stimulus Generator Number of stimulation channels Stimulation pattern Output voltage Output current Time resolution Integrated Heating Element Temperature sensor type

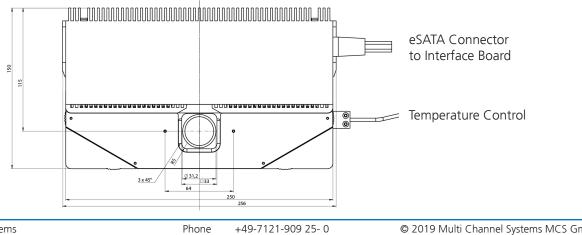
Accuracy

0 - 25 °C 250 mm x 150 mm x 27 mm eSATAp

252 ± 250 mV DC to 10 kHz 24 bit up to 50 kHz, software controlled 450 MΩ || 18 pF

2 independent stimulation channels almost arbitrary patterns ± 10 V @ ± 20 mA max. compliance current \pm 1.5 mA @ \pm 16 V compliance voltage 20 µs

Pt 100 (with four wire connection, compatible with TCX) ± 0.1 °C



Multi Channel Systems MCS GmbH Aspenhaustrasse 21 72770 Reutlingen Germany

+49-7121-909 25-11

sales@multichannelsystems.com www.multichannelsystems.com

Fax

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