

FILTER UNIT 182-120 Technical Specifications

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Supply Voltage : +15V dc ± 10%

Maximum Ripple Voltage : 0.1 V pp

Current Consumption (no signal) : approx. 65mA Current Consumption (U_{out} =+21dBu): approx. 155mA

Temperature Range : $-20 \text{ to } +60^{\circ}\text{C} \left(-4 \text{ to } +140^{\circ}\text{F}\right)$

Presence/Absence Frequencies : 0,7-1,0-1,4-2,0-2,8-4,0-5,6 kHz

Boost/Cut : ± 10 dB in 2 dB steps

High Frequency Filter : ± 12 dB in 3 dB steps at 10 kHz

Low Frequency Filter : ± 12 dB in 3 dB steps at 60 Hz

Bas Cut 12 dB/oct. : -3 dB point at : 240 Hz, 120 Hz or 60 Hz

Input Overload Level : +21 dBu (note 1)

Input Impedance (20 Hz-20 kHz) : 22 Kohms ± 15% Balanced Floating

Output Overload Level : +21 dBu (RL=600 ohms)(note 1)

Output Impedance : 40 ohms Balanced Floating

Minimum Load Impedance : 200 ohms

Gain (flat response) : $0 ext{ dB} op 0.5 ext{ dB}$ Distortion 40 Hz to 200 Hz : less than 0.5%

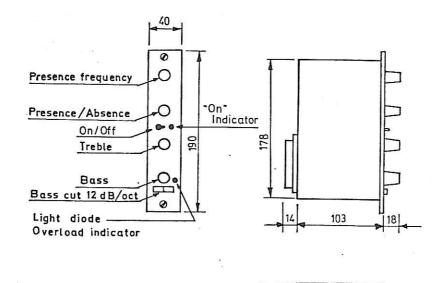
Distortion 200 Hz to 20 kHz : less than 0.2%

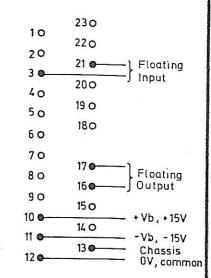
Noise referred to Input : -102 dBu A-curve

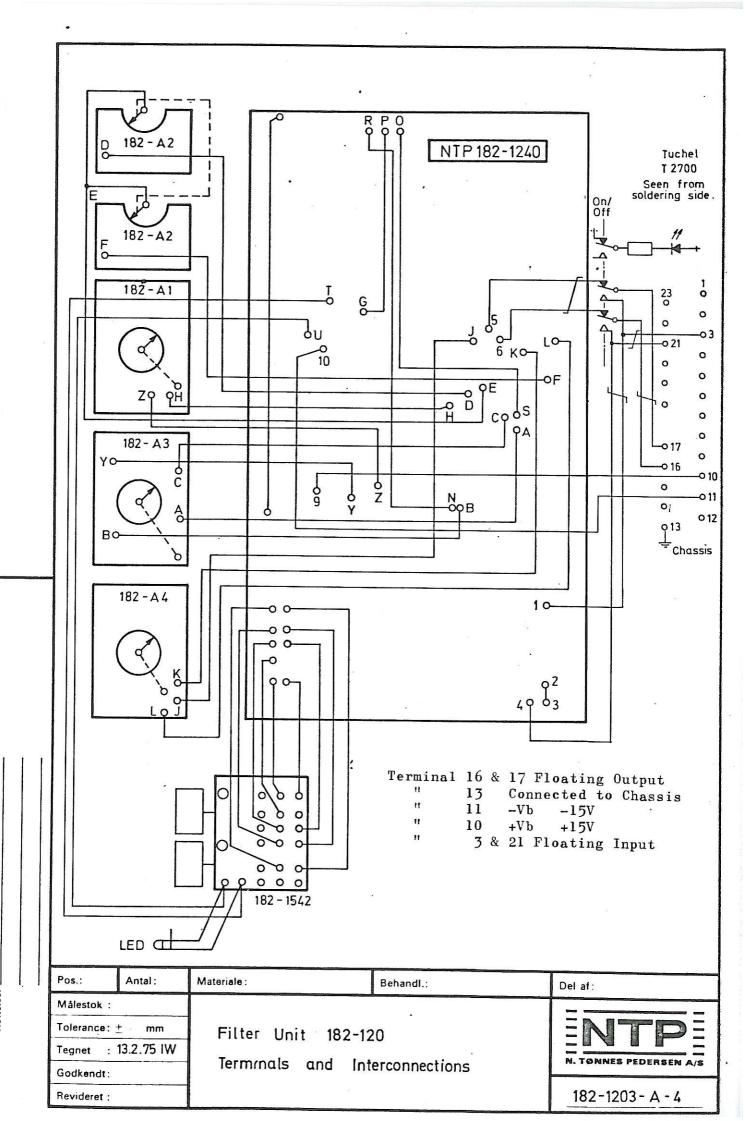
Connector : Tuchel T 2700

Mechanical Outlines : N-Cassette Al module, front 40x190 mm

Note 1: The overload indicator is activeted at input or output levels af approx. +20dBu. See below.







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