



All DECI transducers mounted into M, P, H, and R cases can be supplied with an integral preamplifier.

The photograph shows several SE150-M transducers with integral preamplifiers installed.

These sensors are designed to drive long 50 Ohm coaxial cable and supply 20dB of amplification. Standard frequency response is 20Khz-1.5Mhz.

Power (+15Volt) and signal conditioning for these sensors is provided by:

1. A 500J power adaptor.
2. AESMART 2000 with input switch in the IE position.
3. AESMART 302A with input switch in the IE position.

INTEGRAL PREAMPLIFIER TRANSDUCERS

SPECIFICATIONS:

PHYSICAL DIMENSIONS	See specifications for individual models
OPERATING TEMPERATURE	-40 TO +85° C
CIRCUIT CONFIGURATION	Single ended
GAIN	20dB
DYNAMIC RANGE	74 dB typical
NOISE (ref, Input)	10uVrms
OUTPUT VOLTAGE	10Vpp
POWER	+15 volts
HUMIDITY	Waterproof for short periods
CONNECTOR	10-32 M, H, and P cases - BNC R case
CALIBRATION	Displacement or pressure depending on model number



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