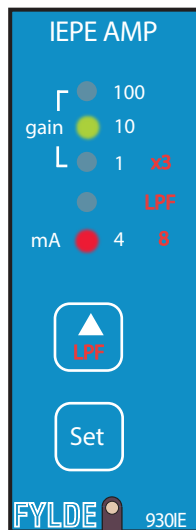


FE-930-IE IEPE Amplifier

9-Series



Front panel shown actual size

- Bandwidth exceeds 100kHz
- Optional RS232 control with TEDS.
- 3 IEPE current settings.
- 8 pole Low Pass filter.
- IEPE line fault monitoring.

The FE-930-IE is a high performance IEPE amplifier for conditioning piezo transducers having built-in low impedance buffering, commonly referred to as Integrated Electronic Piezo Electric.

The module provides front panel control for signal gain, IEPE current and Low Pass filter selection.

The health monitor, checks transducer bias and any fault condition is indicated.

Front panel controls can be disabled as this module also provides an option for remote control via RS232 or using the FE-390-IF dongle.

TEDS (Transducer Electronic Data Sheet) option can be specified.

Switching IEPE current off enables the amplifier to be used as a high bandwidth, low noise differential, AC coupled amplifier for other AC signal sources.

Maximum Bandwidth

x1 to x30: -3dB is > 90kHz.
x100 & x300: -3dB is > 60kHz.

Power requirement is 10-36V DC.

The module is mechanically and electrically compatible with other 9-Series modules and with FYLDE 2U racks and instrument cases.