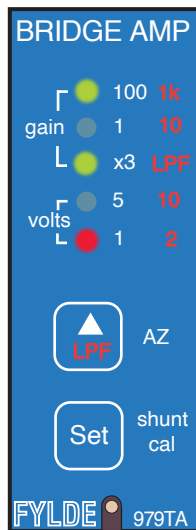


FE-979-TA Bridge Amplifier

9-Series



Front panel shown actual size

- Full and Fractional Bridges
- Auto Balance and Auto Zero
- 4 Selectable Bridge Supply Settings
- 8 Pole Low Pass Filter
- Shunt Calibration

The FE-979-TA is a low noise differential amplifier for conditioning full and fractional bridge transducers.

The module provides front panel control for signal gain, bridge supply voltage, shunt calibration, filter selection, and auto bridge balancing.

Front panel controls can be disabled and this module also provides an option for remote control.

A simple jumper configuration selects bridge type including 1/4 bridge 350 Ω and 120 Ω , 1/2 bridge, and full bridge.

Remote supply sensing and local shunt calibration are also provided.

Bandwidth of 100kHz.

Power requirement is 9-36VDC.

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