

REFLEX[®] VOLTAGE/CURRENT FOLLOWER

PART NUMBER 12M03-00125-01
APPLICATION NOTES

1. If an isolated signal is required, this assembly can be used in conjunction with the REFLEX Signal Isolator Part No. 12M03-00109.
2. Higher input voltages can be accommodated by adding an external scaling resistor in series with terminal 5. Use 1000 ohms per volt above 50 volts. A convenient mounting location for this resistor is between terminals 5 and 7 on the chassis terminal strip.
3. This unit is designed for use with an AC tach generator, which has a fairly high frequency at full voltage. If used with 60Hz, keep output signal levels below 7 volts to avoid non-linearity caused by saturation of the amplifiers with AC ripple. If full 10 volts output is required, rectify the AC ahead of this assembly and make LIC(A) an active filter by adding a capacitor between terminals 4 and 6.