



## TECHNICAL DATA SHEET

### TECPRO BA905 POWER SUPPLY BOOST ADAPTER

#### 27-905 POWER SUPPLY BOOST ADAPTER

The BA905 is used to add an additional power supply to a Tecpro system. It isolates the additional power supply from the communications line, carrying only the DC power through to the circuit, (without this adapter, the additional power supply would provide a second communications line termination, which would cause level problems). Any Tecpro MS or PS unit can be used to boost the power in a circuit by connecting the BA905 in series between the circuit outlet on the MS or PS unit and the circuit to be boosted. A typical configuration is shown in Figure 1.

In emergencies, any 24V power supply could be used in conjunction with the BA905, but a diode should be inserted in series with the positive output of the additional power supply.

Additional auxiliary power supplies may be used co-located with the primary supply, but it is often more effective to locate the additional supply at a more remote point, especially where long cable runs are involved.

#### CONSTRUCTION

XLR3 female to female adapter; connection through on pins 1 and 2 only.

*Fig 1*

