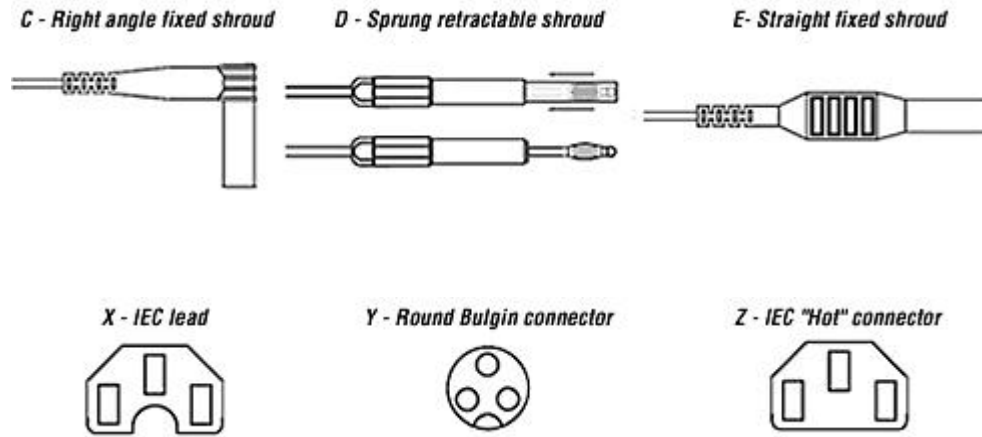


## Application Note

# How do I choose the right test leads?



Choose the type of probes and / or croc clips you need. Do you require fused leads for extra safety? Then select the appropriate fittings to connect to your meter.

C end fits most modern multimeters including Martindale MM series, Fluke 10, 70 & 80 series. Best suited to meters with sockets on front panel. D end fits many older multimeters and insulation testers.

E end fits most modern insulation testers or multimeters with sockets in the top of the unit rather than on the front panel. They can be used in place of 'C'.

Safety is also an important consideration when purchasing test leads clips and probes. It is important to ensure the BS EN61010-1 Installation Category (CAT rating) of the items are correct for the environment where they are being used.

CAT ratings are defined as follows; CAT II - socket outlets & similar points of mains installation, CAT III - distribution part of the building's mains installation, CAT IV - supply side source of the building's mains installation. Each category has a voltage rating to show the maximum safe phase to earth system voltage, normally 50V, 100V, 150V, 300V, 600V or 1000V. Testers, leads and accessories all need safety ratings equivalent to, or higher than the installation category and voltage rating for use in the specified area.