

MULTICOUPLES

MULTITUBE MULTICOUPLES The multitube offers two distinct advantages. A heat transfer block welded into the surface of the protection tube provides the fastest response time to the thermocouple tip. Attached to each block is a guide tube extending into the junction box allowing for quick and individual replacement of thermocouples. The guide tubes are equipped with a compression fitting to hold the element in place. Thermocouples can also be supplied spring loaded. Each element is terminated inside the junction box with an epoxy filled transition and stranded lead wire connected to a terminal strip. Terminal strips are numbered to identify each element location. Protection tubes are fabricated from pipe in a number of sizes and can be welded together for lengths of greater than twenty feet. These multicouples can be supplied with protection tubes and any threaded or flange connection for mating to vessel fabricators design. Junction boxes are available in sheet steel, stainless steel, fiberglass, cast iron, cast aluminum for indoor, outdoor or hazardous locations. Tube and conduit openings can be located to suit site installation. Terminal strips are available in thermocouple alloy or modular type. Factory set and installed rail mounted transmitters or averaging circuitry can be installed in place of terminal strips.

