MICRO CONTROL SYSTEMS

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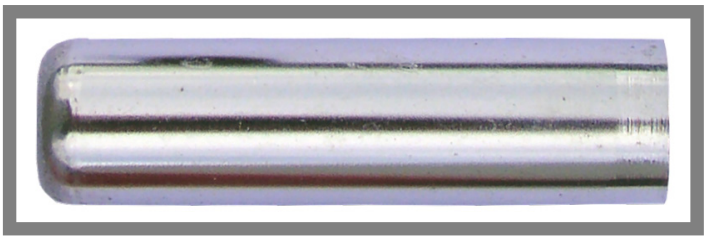
The MCS-TUBE-MIL Specifications & Description

Product Specifications

Package .....Deep drawn nickel plated copper tube
Tube Dimensions
Length .....2.0”
Diameter.....0.500” OD / 0.470” ID



Part # **MCS-TUBE-MIL**

Product Description

MCS-TUBE-MIL

The MCS-TUBE-MIL can be soldered, braised or epoxied to a discharge or suction line in order to obtain temperature readings without the use of a well. The MCS-TUBE-MIL is a deep drawn nickel plated copper tube.

The MCS-TUBE-MIL should be soldered to the suction or discharge pipe. This allows for the insertion of transfer grease to aid in transferring the temperature to the sensor.

After attaching to a pipe and inserting the temperature sensor into the well, the temperature sensor and well should then be wrapped with insulating material. The cable to the temperature sensor should then be brought back over the outside of the insulating material and tie wrapped to act as a strain relief. This also provides protection from ambient or outside influences on the temperature.

The MCS-TUBE-MIL was designed to be used with the MCS -T100-xx-MIL temperature sensor. The MCS-T100-xx-MIL sensor has the ability to move from 32º F to 212º F in approximately 20 to 25 seconds. When utilizing this temperature sensor in certain tubes which have a large mass, the reaction time of the sensor will be slower.

The tube is a deep drawn nickel plated copper tube which is 2.0” in length and 0.500” OD in diameter. It is designed to allow for the insertion of transfer grease and an MCS-T100-xx-MIL temperature sensor.

Revised 2013-07-11