Temperature Sensor - M Probe

The M Probe can be used with the following Phasefale products:

PRESSCON NETWORK

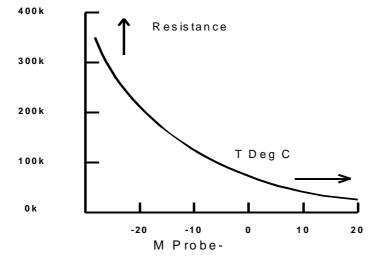
TACm VATPAC POWER MISER TA-1

The M Probe has a range of $: -45^{\circ} \text{ C to} + 60^{\circ} \text{ C}$ or for an extended temperature range

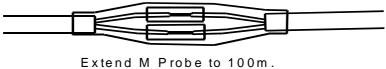
the M Probe (H) should be used : -45° C to $+120^{\circ}$ C

The graph below shows the Resistance vs Temperature response of the probe and can be used to determine if the probe is operating correctly or needs to be replaced.

Some products have a programmable calibration which could be used to off-set any probe error.



Resistance vs Temp. (Celsius)



using Heatshrink on joins

The diagram above shows the method which should be used to extend the probe if necessary. It is important that the join be well sealed to prevent moisture or dust etc effecting the reading. The probe can be extended to a distance of approximately 100 metres.