**MG3 Magnet Sensor**

**T1** Sensor Probe Style
- NGT: 90° bend grounded thermocouple
- NUT: 90° bend ungrounded thermocouple
- NCR: 90° bend copper tip RTD
- NSR: 90° bend 316 stainless steel tip RTD
- SGT: Straight grounded thermocouple
- SUT: Straight ungrounded thermocouple
- SCR: Straight copper tip RTD
- SSR: Straight 316 stainless steel tip RTD

**T2** Sensor Type
- K: Type K Thermocouple
- J: Type J Thermocouple
- R3: 100Ω Pt. 385 Class A 3-Wire RTD
- R4: 100Ω Pt. 385 Class A 4-Wire RTD

**T3** Sensor Probe “X” Length (inches)
- “inches” Specify length in inches - minimum 5.5”

**T4** Sensor Probe Construction
- LT: Low temperature (-50 to 260°C)
- HT: High temperature (-50 to 482°C)
- ET: Extreme temperature (-50 to 850°C)
- VT: Vibration construction (-50 to 482°C)
- CT: Cryogenic temperature (-200 to 260°C)

**T5** Lead Wire Type
- FB: Fiberglass (482°C)
- AF: Flex armour over fiberglass (482°C)
- TE: Teflon (260°C)
- ST: Teflon with SS over braid (260°C)
- AT: Flex armour over Teflon (260°C)
- PT: Poly jacketed flex armour over Teflon (102°C)
- Other: Consult factory

**T6** Lead Wire “A” Length (inches)
- “inches” Specify length in inches

**Outline & Dimensions**

**NOTES:**
1. Part number example: MG3-SUT-K-6-LT-AT-24
2. Sensor probes material is 316/316L stainless steel
3. Copper tip RTD probe style is only available with LT and sensor probe construction (T4)
4. Class A tolerance definitions will only be applicable for temperatures under 300°C, Class B tolerance will apply to over 300°C
5. Magnet body packed with ceramic cement insulation
6. Magnet temperature rating –75 to 538°C
7. Adjustable spring tension and removable sensor probes.