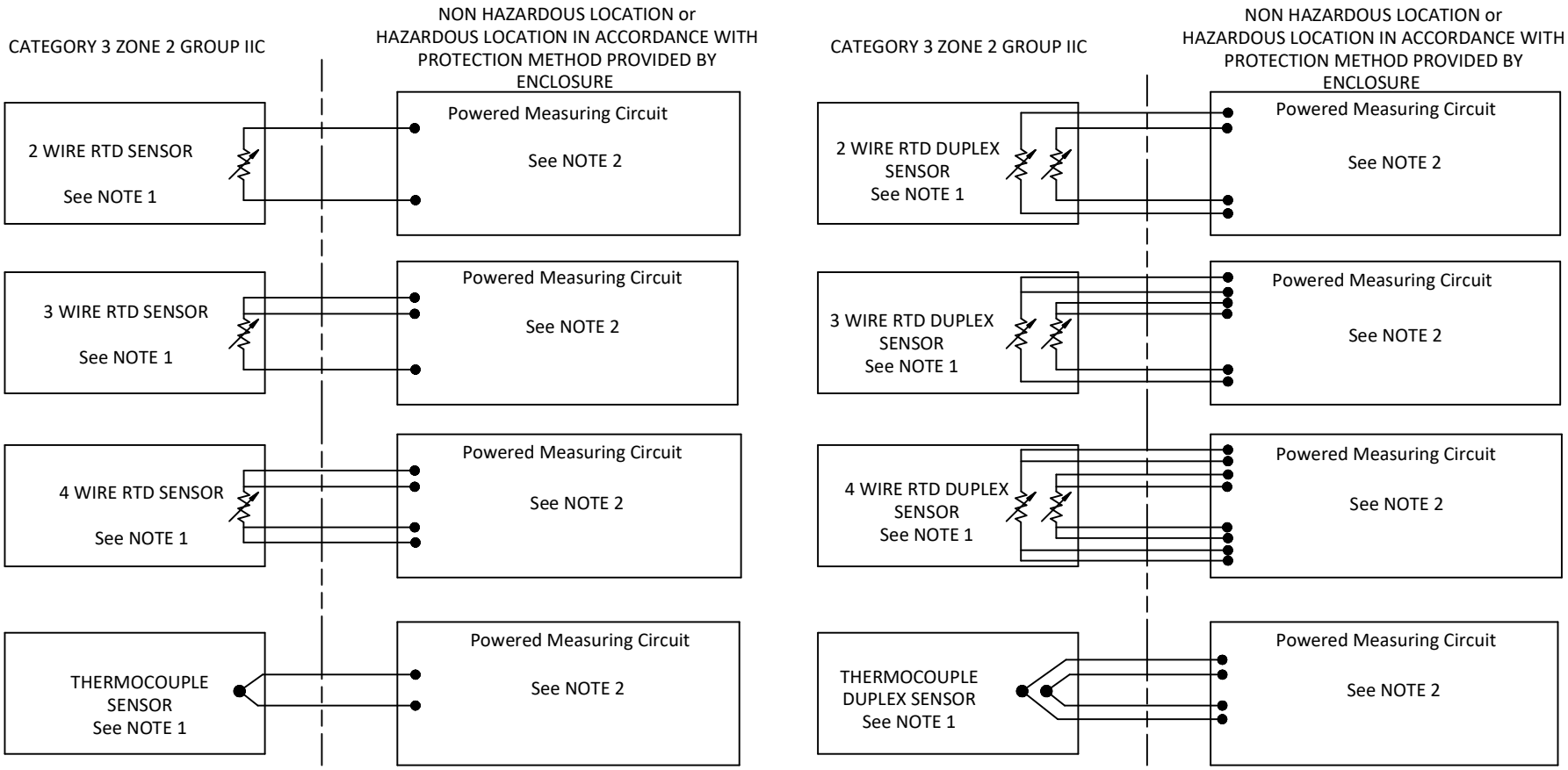
MINIATURE TEMPERATURE SENSORS MODEL HL30



NOTE 1:
The RTD or Thermocouple sensor is Simple Apparatus with the following entity (limiting) parameters: $P \leq 25$ mA, $V \leq 1.5$ V dc, $I \leq 100$ mA, Ci=0, Li=0.
NORMAL OPERATION: 100 Ω @ 0 °C platinum RTD sensor current should not exceed 1 mA. Thermocouple sensor circuit should measure output voltage with no external power applied. Continuous operation with higher current or power may result in erroneous temperatures and sensor self-heating. Higher current/power should be evaluated in-situ to to ensure the resulting sensor temperature is within the limits of the T-code.

NOTE 2:
The Powered Measuring Circuit, Associated Apparatus and energy limiting devices must be selected in accordance with EN-60079-11 for the installation Zone and Group. The System Design and Installation must be in accordance with manufacturers instructions, applicable regulations, codes and standards. Associated Apparatus and Field Wiring, located inside or outside of the hazardous area must be appropriate for its location and for use with Simple Apparatus and/or RTDs/Thermocouples. Substitution of components may impair suitability for Explosive Atmospheres. Calculation of Field Wiring Ca and La: Include the supplied RTD or Thermocouple lead-wires in the field wiring calculation, typical lead-wire cable parameters are: C=200 pF/m (60 pF/ft) and L=1 µH/m (0.3 µH/ft).

TITLE:		PART NUMBER:	DATE:	
CONTROL DRAWING FOR MODEL HL30 SENSORS			11/7/2019	
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