

CLASS 1, DIVISION 1 / ZONE 0,1 INSTALLATION DRAWING FOR THREE PIN SENSORS

NON-HAZARDOUS AREA HAZARDOUS AREA DUAL CHANNEL BARRIER STRIP (+) = A (VIBRATION SIGNAL [1]) (+) = C (TEMPERATURE SIGNAL/ VIBRATION SIGNAL [2]) NOTES: ► UNSPECIFIED BARRIER STRIP SHOWN ▶ SEE SAFETY BARRIER MANUFACTURER INSTALLATION MANUAL FOR INFORMATION ON PROPER WIRING OF SENSOR CABLES TO THE TERMINAL **BLOCK OF THE SAFETY BARRIER** STRUCTURE CONNECTED TO ▶ WIRE COLOR FOR CLARITY ONLY SUPPLY SOURCE GROUND ▶ DO NOT PARALLEL ASSOCIATE APPARATUS UNLESS PERMITTED BY ASSOCIATED APPARATUS APPROVAL ► CABLE CAPACITANCE & INDUCTANCE PLUS THE I.S. APPARATUS UNPROTECTED CAPACITANCE (Ci) AND INDUCTANCE (Li) MUST NOT EXCEED THE ALLOWED CAPACITANCE (Ca) AND INDUCTANCE (La) INDICATED ON THE ASSOCIATED APPARATUS [(Ccable + Ci < Ca) & (Lcable + Li < La)]