NON-HAZARDOUS AREA

WARNING: RESISTANCE BETWEEN BARRIER GROUND AND EARTH GROUND MUST BE LESS THAN 1.0 Ohm

NOTES:
1. INSTALLATION TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NFPA 70)
2. SAFETY STANDARDS: THIS PRODUCT HAS BEEN DESIGNED TO SATISFY THE REQUIREMENTS OF IEC 60079-1-2:2010 3RD EDITION ‘SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL AND LABORATORY USE’ AND COMPLIES WITH US NEC 500, NIST AND OSHA.
3. ASSOCIATED APPARATUS MUST BE APPROVED BY AUTHORITY HAVING JURISDICTION AND MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. MAXIMUM NON-HAZARDOUS AREA VOLTAGE Um = 253V ac (100-240V ac) or Um = 36V dc (24V dc)
5. SUITABLE SEPARATION MUST BE MAINTAINED BETWEEN INPUT WIRING AND SENSOR WIRING
6. WARNING: DO NOT DISCONNECT EQUIPMENT WHILST LIVE UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS
7. WARNING: POTENTIAL STATIC ELECTROSTATIC CHARGING HAZARD, SEE INSTRUCTIONS
8. THE ENCLOSURE CONTAINS ALUMINIUM AND IS CONSIDERED TO PRESENT A POTENTIAL RISK OF IGNITION BY IMPACT OR FRICTION. CARE SHALL BE TAKEN INTO ACCOUNT DURING INSTALLATION AND USE TO PREVENT IMPACT OR FRICTION.
9. DIELECTRIC STRENGTH: CONFORMS TO IEC 60079-11 CLAUSE 6.3.13 BETWEEN ON-IS AND IS CIRCUITS, AND BETWEEN IS CIRCUITS AND EARTH.
10. THE EQUIPMENT SHALL NOT BE USED WHERE UV LIGHT OR RADIATION MAY IMPinge ON THE ENCLOSURE OR THE WINDOW OF THE ENCLOSURE.
11. THE EQUIPMENT SHALL ONLY BE USED IN AN AREA OF AT LEAST POLLUTION DEGREE 2, AS DEFINED IN IEC 60664-1
12. TRANSIENT PROTECTION SHALL BE PROVIDED THAT IS SET AT A LEVEL NOT EXCEEDING 140% OF THE PEAK RATED VOLTAGE AT THE SUPPLY AND RELAY TERMINAL OF THE EQUIPMENT.
13. THE EQUIPMENT SHALL ONLY BE USED IN AN AREA OF AT LEAST OVERVOLTAGE CATEGORY II, AS DEFINED IN IEC 60664-1