**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 Codes.

2. Safety Standards: This product has been designed to satisfy the requirements of IEC61011:2010 3.0 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 manufacturer's instructions.

4. Maximum non-hazardous area voltage $U_m = 253\text{V ac (100-240V ac)}$ or $U_m = 36\text{V dc (24V dc)}$.

5. Suitable separation must be maintained between 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 aluminum 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. **WARNING:** The equipment shall not be used where UV light or radiation may impinge on the enclosure or the window of the enclosure.

11. **WARNING:** The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.

12. **WARNING:** 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. **WARNING:** The equipment shall only be used in an area of at least overvoltage category II, as defined in IEC 60664-1.

**HAZARDOUS AREA**

**NO EZLINK CHANNELS FITTED**

**HAZARDOUS AREA**

**EZLINK CHANNELS FITTED**

II 3 G Ex ic ec nC IIC T4 Gc

**NOTES (EZLINK CHANNELS ONLY)**

1. **EZLINK BACK NUT TIGHTENED TO BETWEEN 3Nm TO 4Nm.**

2. **HAZARDOUS WIRING IS INTRINSICALLY SAFE AND MUST BE INSTALLED AND SEPARATED FROM NON-IS WIRING IN ACCORDANCE WITH IEC/EN 60079-14.**

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**ADDITIONAL NOTES ADDED**

1. **EZLINK BACK NUT TIGHTENED TO BETWEEN 3Nm TO 4Nm.**

2. **HAZARDOUS WIRING IS INTRINSICALLY SAFE AND MUST BE INSTALLED AND SEPARATED FROM NON-IS WIRING IN ACCORDANCE WITH IEC/EN 60079-14.**

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**REVIEWS ISSUE**

**AWT420 METAL TRANSMITTER UL ATEX-IECEx CONTROL DRAWING**

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