Installation Notes
- CSA approved apparatus must be installed in accordance with manufacturer’s instructions.
- Install per Canadian Electrical Code (CEC) Part I or National Electrical Code (NEC) (ANSI/NFPA70)
- Install the panel-mount instrument in a suitable enclosure acceptable to the local inspection authority.
- The Process Display must be connected to the potential matching line.
- Use supply wires suitable for 5°C above surroundings.

INTRINSICALLY SAFE

Class I / Div. 1 / Groups ABCD  Ex ia IIC/AEx ia IIC
- CSA Approved Associated Apparatus must meet the following parameters:
  - $U_0 \leq U_i \quad I_0 \leq I_i \quad P_0 \leq P_i \quad C_a \geq C_i + C_{cable} \quad L_a \geq L_i + L_{cable}$
  - display entity parameters are as follows:
    - Supply circuit (terminals $+$ - $-$ or $+$ LED or $+$ auxiliary terminal $-$)
    - $U_i$ or $V_{max} \leq 30$ V DC
    - $I_i$ or $I_{max} \leq 200$ mA
    - $P_i \leq 900$ mW
  - Warning: Substitution of components may impair intrinsic safety.
  - Avertissement: La substitution de composants peut compromettre la sécurité intrinsèque.

NONINCENDIVE

Class I / Div. 2 / Groups ABCD
- Depending on location install per National Electrical Code (NEC) using wiring methods described in article 500 through article 510.
- Intrinsinc safety barrier not required. $V_{max} \leq 30$ V DC.
- Warning: Explosion hazard - Do not disconnect equipment unless power has been switched off or the area is known to be non-hazardous.
  - Avertissement : Risque d’explosion - Ne pas débrancher tant que le circuit est sous tension, à moins qu’il s’agisse d’un emplacement non dangereux.
- Nonincendive field wiring installation
  - The Nonincendive Field Wiring Circuit Concept allows interconnection of Nonincendive Field Wiring Apparatus with Associated Nonincendive Field Wiring Apparatus or Associated Intrinsically Safe Apparatus or Associated Apparatus not specifically examined in combination as a system using any of the wiring methods permitted for unclassified locations, when $V_{oc} \leq V_{max}$, $C_a \geq C_i + C_{cable}$, $L_a \geq L_i + L_{cable}$.
  - Display’s Nonincendive Field Wiring parameters are as follows:
    - $U_i$ or $V_{max} \leq 30$ V DC
    - $I_i$ or $I_{max} \leq 200$ mA
    - $P_i \leq 35$ mW

Functional ratings
These ratings do not supersede Hazardous Location values
$U_{nom} \leq 2.9$ V DC  $I_{nom} \leq 4$ to 20 mA