

Revisions			
Rev	ECR	Date	Approved
A	ECR 710627	15/12/17	PC

HAZARDOUS LOCATION

North America

Class I, Div. 1, Groups A, B, C, D; Class II, Div. 1, Groups E, F, G; (T6...T3)

Class I, Zone 0 AEx ia IIC (T6...T3) Ga

Zone 20 AEx ia IIIC (T76°C to T146°C) Da

Ex ia IIC (T6...T3) Ga

Ex ia IIIC (T76°C to T146°C) Da

IECEX

Ex ia II C T6...T3 Ga

Ex ia IIIC T76°C...T146°C Da

ATEX

II 1G Ex ia II C T6...T3 Ga

II 1D Ex ia IIIC T76°C...T146°C Da

EchoPro Pulse Radar Sensors LR11/16/21/26/31/36/41/46 Series;

$$U_i = 26.4 \text{ V}$$

$$I_i = 114 \text{ mA}$$

$$P_i = 0.752 \text{ W}$$

$$C_i = 0$$

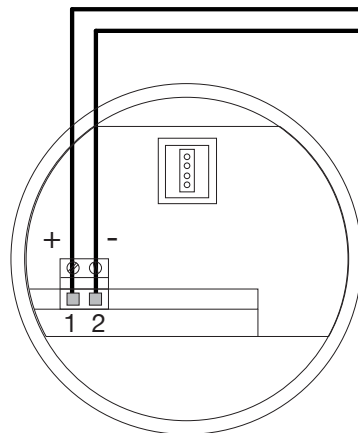
$$L_i = 51 \mu\text{H}$$

T6 $T_a = -20^\circ\text{C to } +60^\circ\text{C}$

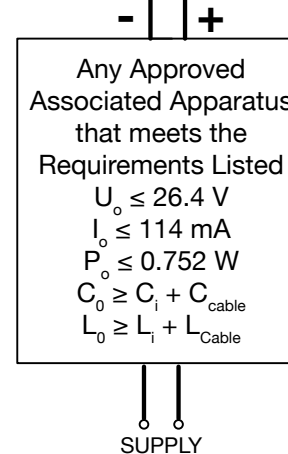
T5 $T_a = -20^\circ\text{C to } +70^\circ\text{C}$

T4 $T_a = -20^\circ\text{C to } +85^\circ\text{C}$

T3 $T_a = -20^\circ\text{C to } +85^\circ\text{C}$



NON HAZARDOUS LOCATION



- Temperature class depends on maximum ambient temperature as shown in table
- Installation as per ANSI/NFPA 70 Articles 504 and 505 or the Canadian Electrical Code, Part I, C22.1.
- The Pulse Radar level instrument shall be used with suitable certified cable, glands, and plugs.
- Installation shall conform with 60079-14 latest edition or National Equivalent.
- Under certain extreme circumstances, the non-metallic parts incorporated in the enclosure of this equipment may generate an ignition-capable level of electrostatic charge. Therefore the equipment shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. This is particularly important if the equipment is installed in a Zone 0 location. In addition, the equipment shall only be cleaned with a damp cloth

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Unless Otherwise Specified: Dimensions are in Inches[mm] Tolerances: Fractional: ± Angular: ± 2° Two Place Decimal: ± .020 Three Place Decimal: ± .010 Interpret Geometric Tolerancing Per:	AutoCad Drawing Number:	 10500 Humbolt Los Alamitos, California 90720 T(562) 598-3015 F(562) 431-8507	
Material N/A	Drawn PC	Name Date	TITLE: IS CONTROL DRAWING
Finish N/A	Checked	Eng Appr.	SIZE DWG. No. REV C 301901 A
DO NOT SCALE DRAWING	Checked	Mfg Appr.	SCALE: WEIGHT: SHEET 1 of 1
	Q.A.		