

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;

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

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

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

$$C_i = 0$$

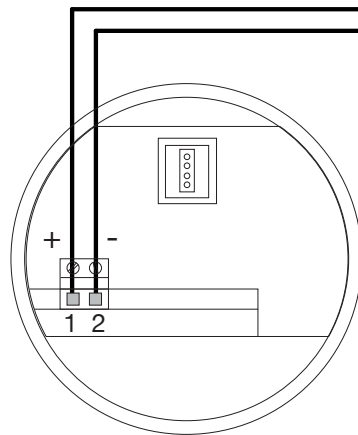
$$L_i = 51 \mu\text{H}$$

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

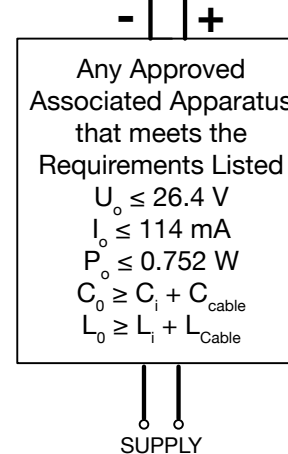
T5 $T_a = -20^\circ\text{C to } +70^\circ\text{C}$

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



1. Temperature class depends on maximum ambient temperature as shown in table
2. Installation as per ANSI/NFPA 70 Articles 504 and 505 or the Canadian Electrical Code, Part I, C22.1.
3. The Pulse Radar level instrument shall be used with suitable certified cable, glands, and plugs.
4. Installation shall conform with 60079-14 latest edition or National Equivalent.
5. 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	Eng Appr.	TITLE: IS CONTROL DRAWING	
Finish N/A	Mfg Appr.	SIZE C	DWG. No. 301901
DO NOT SCALE DRAWING	Q.A.	SCALE:	REV A
		WEIGHT:	SHEET 1 of 1