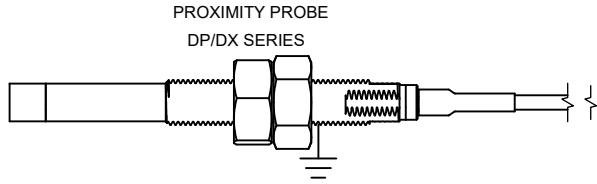
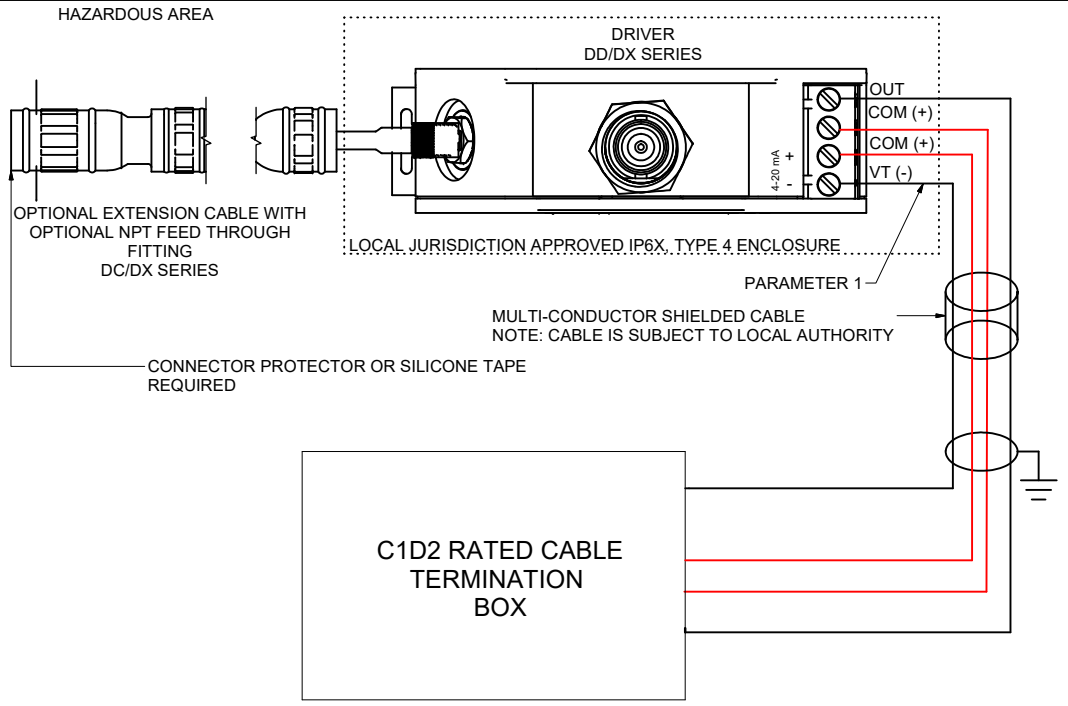


CTC HIGHLY CONFIDENTIAL AND PROPRIETARY INFORMATION

CERTIFIED BY:



NOTES:
 - ALL ARMOR MUST BE GROUNDED
 - EXTENSION CABLE USED TO BE APPROVED BY LOCAL JURISDICTION



SPECIAL CONDITIONS OF USE:

DRIVERS:

1. WARNING - IGNITION HAZARD, PARTS CONTAIN ALUMINUM. FOR PROCESSES REQUIRING EPL RATED EQUIPMENT, SUITABILITY FOR USE MUST BE DETERMINED BY THE END USER TO ELIMINATE IGNITION HAZARD DUE TO IMPACT FRICTION.
2. WARNING - ELECTROSTATIC CHARGE HAZARD ON THE PLASTIC COVER, UNARMORED PROBE, AND EXTENSION CABLE COVERING. DO NOT RUB OR CLEAN WITH SOLVENTS.
3. DRIVER MUST BE ELECTRICALLY ISOLATED FROM EARTH GROUND.

PROBES :

1. THIS PRODUCT IS NOT TO BE INSTALLED IN DIRECT SUNLIGHT OR OTHER SOURCES OF ULTRAVIOLET LIGHT. THIS PRODUCT IS NOT RATED TO BE RESISTANT TO UV LIGHT.

LOCAL JURISDICTION APPROVED TERMINATION BOX MUST BE PROPERLY RATED. SEE MANUFACTURER'S DOCUMENTATION FOR APPLICATION SPECIFIC INFORMATION AND PROPER USE.

TEMPERATURE CODE: T4/T5
 T5@Ta = -35°C to +85°C
 T4@Ta = -45°C to +100°C
 CLASS 1, DIV 2 EX nA IIC T4/T5 Gc
 CLASS I, DIV 2 GROUPS A,B,C,D T4/T5
 CLASS II, DIV 2 GROUPS E,F,G T4/T5
 CLASS I, ZONE 2 AEx ec IIC T4/T5

CTC, Inc.
 7939 Rae Blvd
 Victor, NY 14564

MUST NOT EXCEED
PARAMETER 1
Ui = -30 VDC
Ii = 140 mA
Ci = 50 pF
Li = 1 mH
Pi = 757 mW

NOTES:

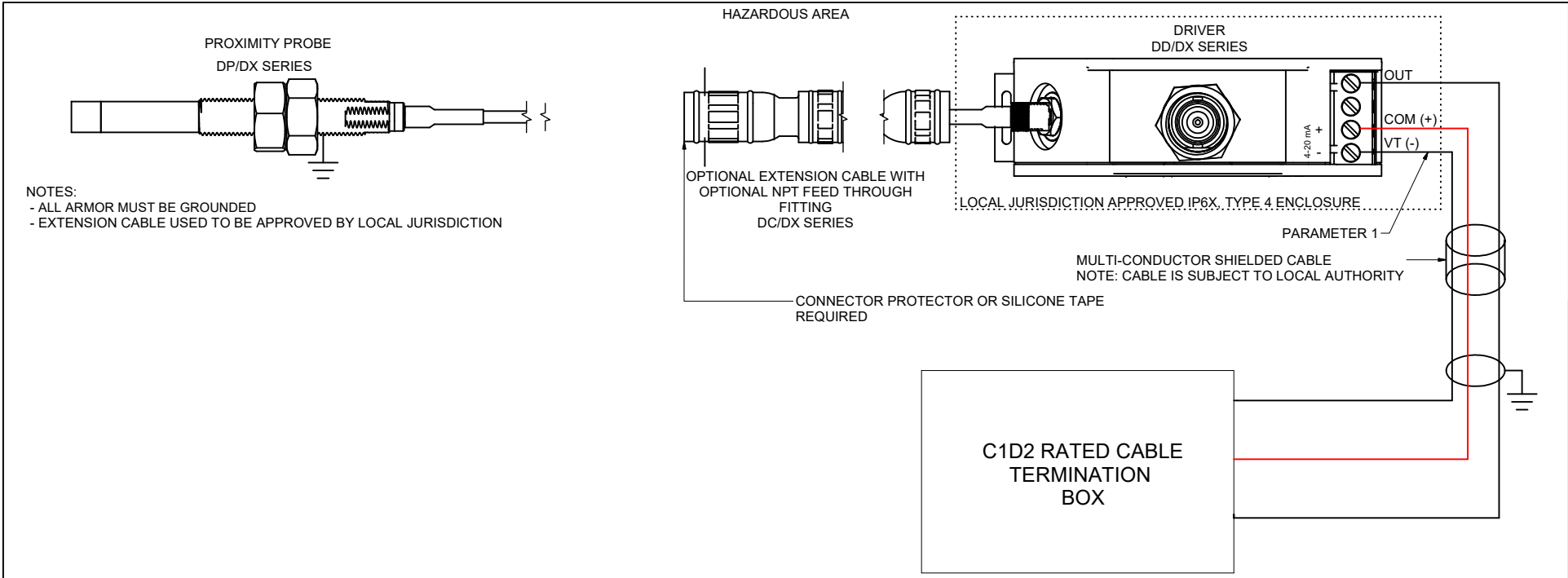
1. 4 WIRE INSTALLATION SHOWN, FOR USE WITH OR WITHOUT 4-20mA MODELS
2. WIRE COLOR FOR CLARITY ONLY
3. BNC NOT FOR USE IN HAZARDOUS AREA
4. TYPE 4 IS AN OUTDOOR RATING. IF UNIT IS MOUNTED INDOORS. AN INDOOR RATED TYPE 4 ENCLOSURE APPROPRIATE FOR THE APPLICATION CAN BE USED.
5. WIRING IS TO BE DONE IN ACCORDANCE WITH CLASS 1, DIVISION 2 / ZONE 2 WIRING METHODS PER THE CANADIAN ELECTRICAL CODE (CEC) AND PER THE NATIONAL ELECTRICAL CODE (NFPA 70) FOR INSTALLATION WITH THE US.

 CONNECTION TECHNOLOGY CENTER, INC	MATERIAL	N/A	ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. TOLERANCES (UNLESS SPECIFIED): XXXX ± 0.0005 XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX
	PART #:	INS10146	
DESCRIPTION:			SHEET
CONTROL DRAWING, PROXIMITY PROBE SYSTEM			1 / 3

B	ADDED 2 AND 3 WIRE CONFIG	-	LSC	JP	01/22/2024	GC	01/22/2024
A	FOR APPROVAL	-	LSC	JN	12/15/2023	JL	12/15/2023
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

CTC HIGHLY CONFIDENTIAL AND PROPRIETARY INFORMATION

CERTIFIED BY:



NOTES:
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 - EXTENSION CABLE USED TO BE APPROVED BY LOCAL JURISDICTION

SPECIAL CONDITIONS OF USE:

DRIVERS:

1. WARNING - IGNITION HAZARD, PARTS CONTAIN ALUMINUM. FOR PROCESSES REQUIRING EPL RATED EQUIPMENT, SUITABILITY FOR USE MUST BE DETERMINED BY THE END USER TO ELIMINATE IGNITION HAZARD DUE TO IMPACT FRICTION.
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3. DRIVER MUST BE ELECTRICALLY ISOLATED FROM EARTH GROUND.

PROBES :

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 CLASS I, DIV 2 GROUPS A,B,C,D T4/T5
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NOTES:

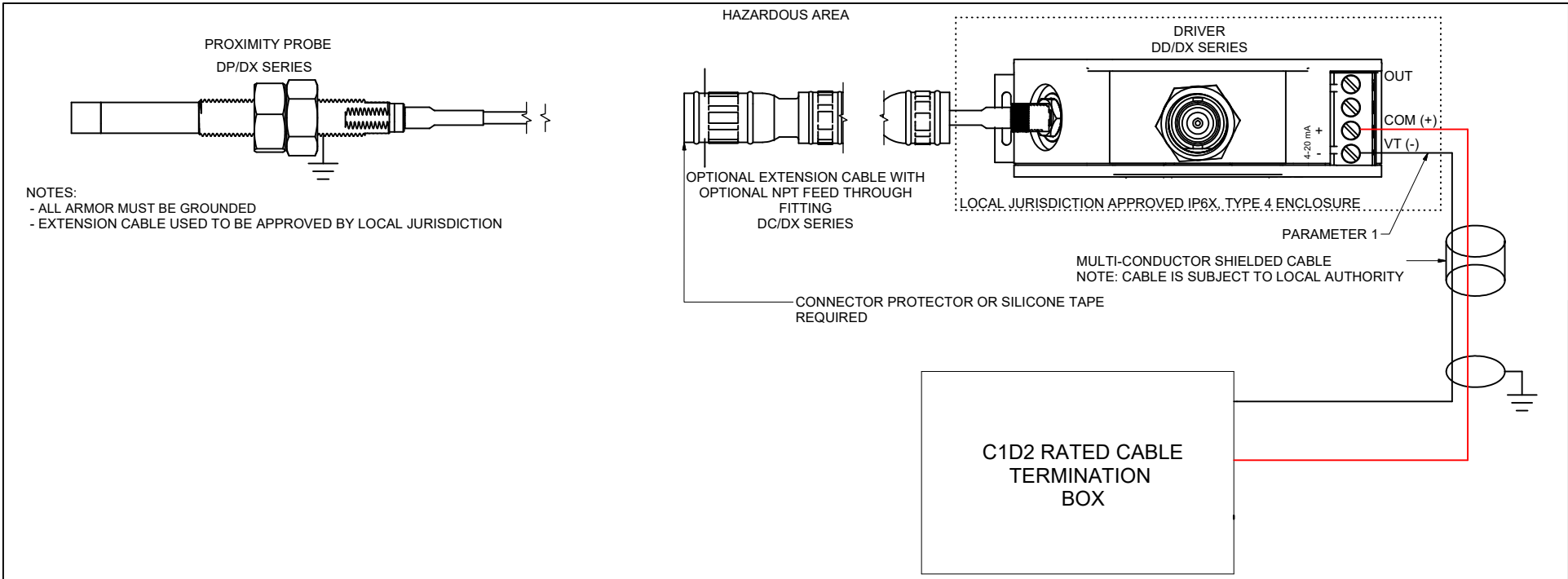
1. 3 WIRE INSTALLATION SHOWN, FOR USE WITH OR WITHOUT 4-20mA MODELS
2. WIRE COLOR FOR CLARITY ONLY
3. BNC NOT FOR USE IN HAZARDOUS AREA
4. TYPE 4 IS AN OUTDOOR RATING. IF UNIT IS MOUNTED INDOORS. AN INDOOR RATED TYPE 4 ENCLOSURE APPROPRIATE FOR THE APPLICATION CAN BE USED.
5. WIRING IS TO BE DONE IN ACCORDANCE WITH CLASS 1, DIVISION 2 / ZONE 2 WIRING METHODS PER THE CANADIAN ELECTRICAL CODE (CEC) AND PER THE NATIONAL ELECTRICAL CODE (NFPA 70) FOR INSTALLATION WITH THE US.

 CONNECTION TECHNOLOGY CENTER, INC	MATERIAL	N/A	ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. TOLERANCES (UNLESS SPECIFIED): XXXX ± 0.0005 XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX
	PART #:	INS10146	
DESCRIPTION:			SHEET
CONTROL DRAWING, PROXIMITY PROBE SYSTEM			2 / 3
NOT DRAWN TO SCALE			

B	ADDED 2 AND 3 WIRE CONFIG	-	LSC	JP	01/22/2024	GC	01/22/2024
A	FOR APPROVAL	-	LSC	JN	12/15/2023	JL	12/15/2023
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

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NOTES:
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SPECIAL CONDITIONS OF USE:

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MUST NOT EXCEED
PARAMETER 1
Ui = -30 VDC
Ii = 140 mA
Ci = 50 pF
Li = 1 mH
Pi = 757 mW

NOTES:

1. 2 WIRE INSTALLATION SHOWN, FOR USE WITH 4-20mA MODELS ONLY
2. WIRE COLOR FOR CLARITY ONLY
3. BNC NOT FOR USE IN HAZARDOUS AREA
4. TYPE 4 IS AN OUTDOOR RATING. IF UNIT IS MOUNTED INDOORS. AN INDOOR RATED TYPE 4 ENCLOSURE APPROPRIATE FOR THE APPLICATION CAN BE USED.
5. WIRING IS TO BE DONE IN ACCORDANCE WITH CLASS 1, DIVISION 2 / ZONE 2 WIRING METHODS PER THE CANADIAN ELECTRICAL CODE (CEC) AND PER THE NATIONAL ELECTRICAL CODE (NFPA 70) FOR INSTALLATION WITH THE US.

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	PART #:	INS10146	
DESCRIPTION:			SHEET
CONTROL DRAWING, PROXIMITY PROBE SYSTEM			3 / 3
NOT DRAWN TO SCALE			

B	ADDED 2 AND 3 WIRE CONFIG	-	LSC	JP	01/22/2024	GC	01/22/2024
A	FOR APPROVAL	-	LSC	JN	12/15/2023	JL	12/15/2023
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE