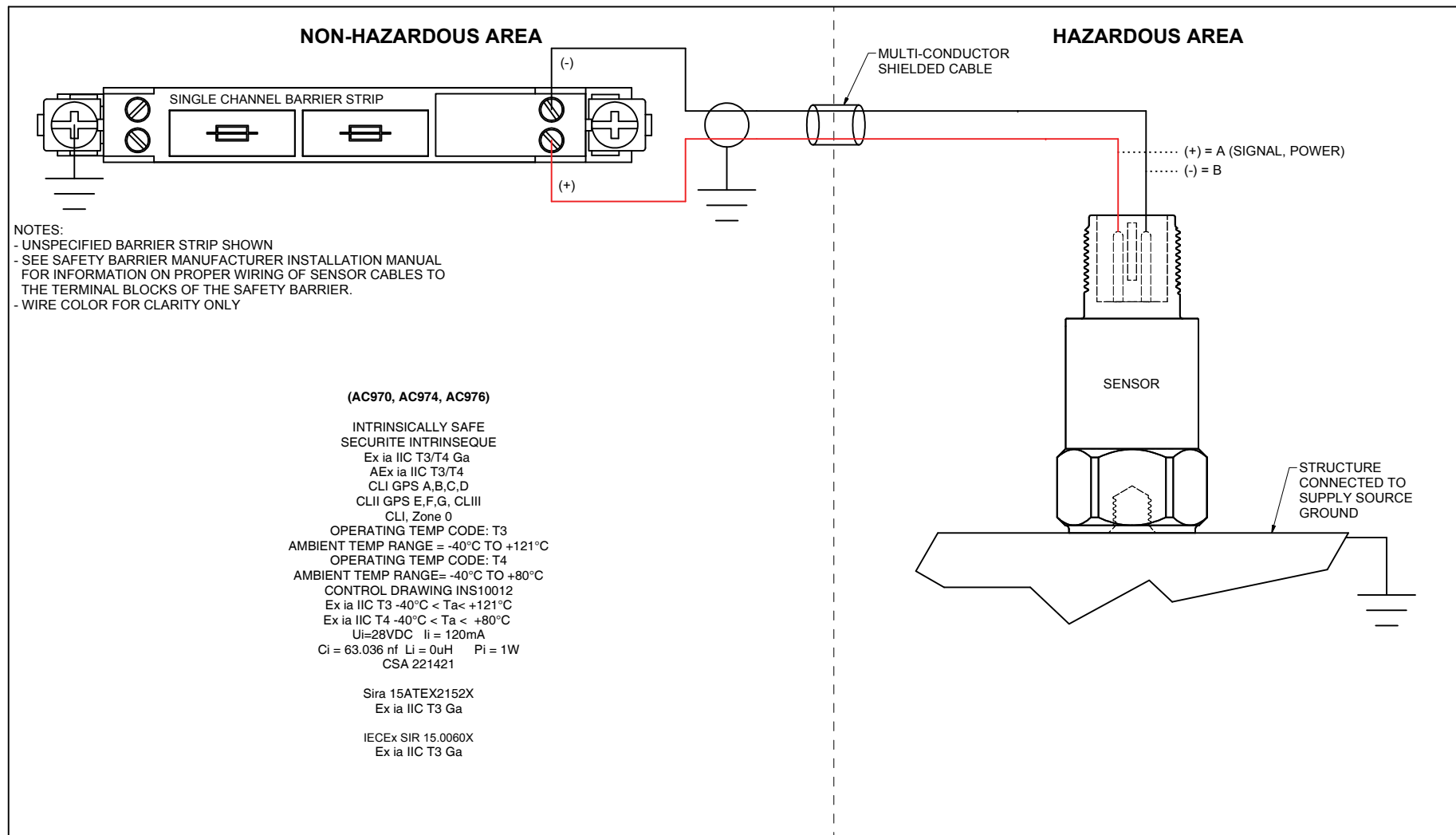


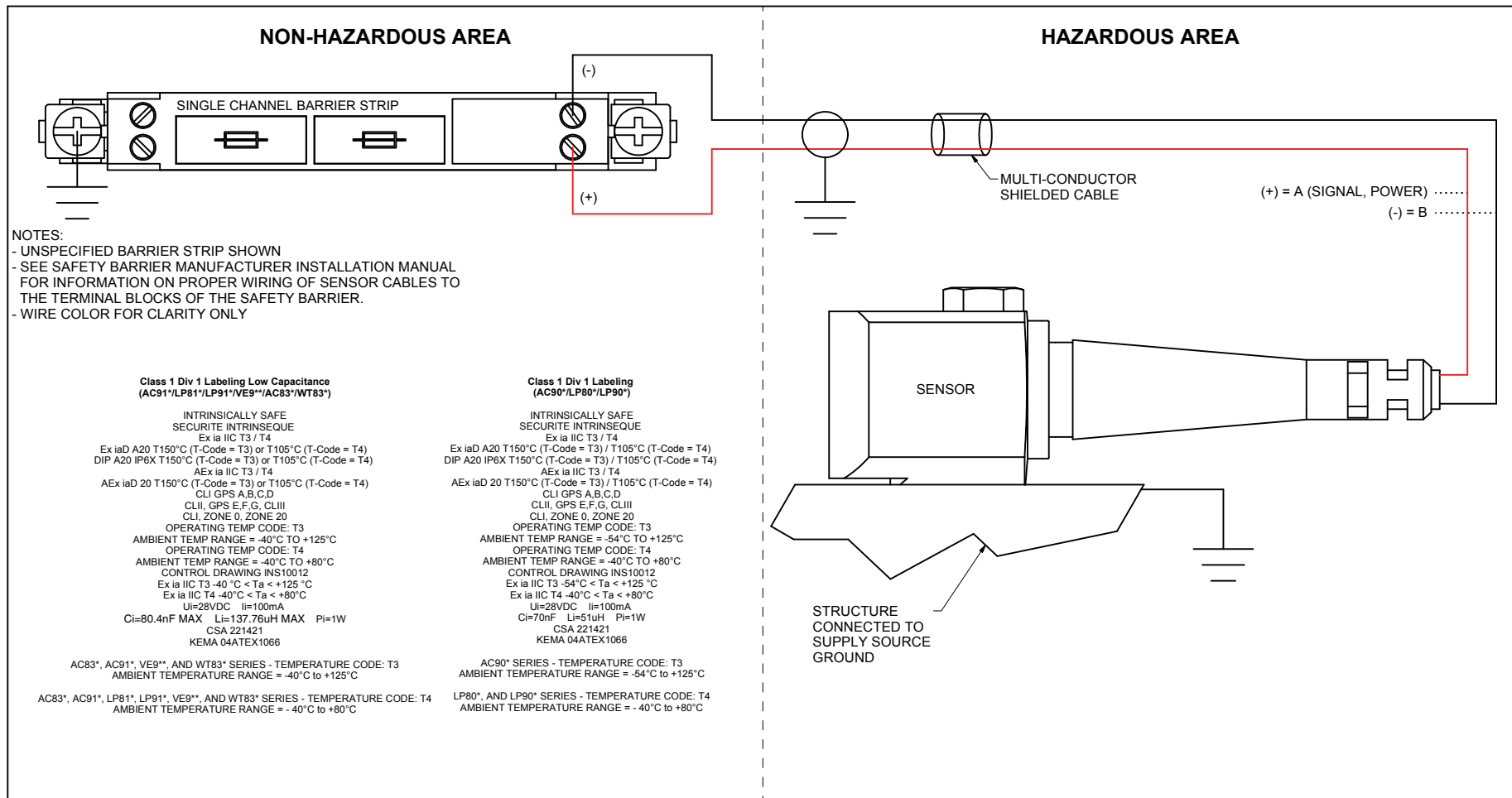


NOTES:

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REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE
H	ADDED SINGLE CHANNEL BARRIER WIRING OPTIONS, UPDATE LAYOUT OF DRAWINGS AND ADD MODAL TRIAX VARIATION, MOVE ADDRESS TO TITLE BLOCK, SEPERATED TA & BIAIXIAL SENSORS	-	CRW / DMG	MGS	4/18/2017	JLS	4/18/2017
G	ADDING CTC ADDRESS	-	CRW	TJW	6/15/2015	-	-
F	ADDED "X" TO ATEX AND IECEX CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
E	ADDED NOTE ABOUT BARRIER WIRING	-	CRW	TJW	6/10/2015	-	-
D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL -
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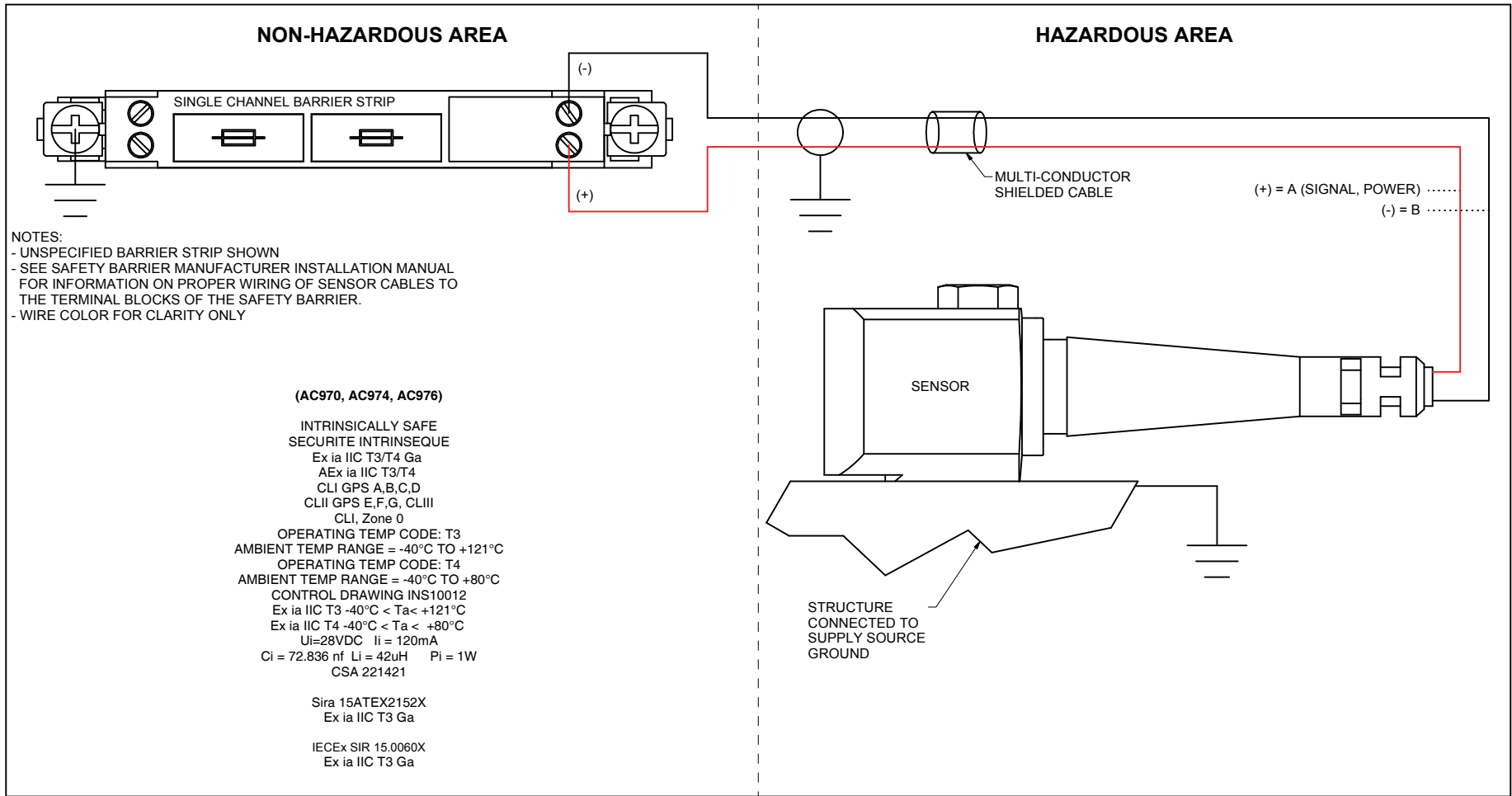


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B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

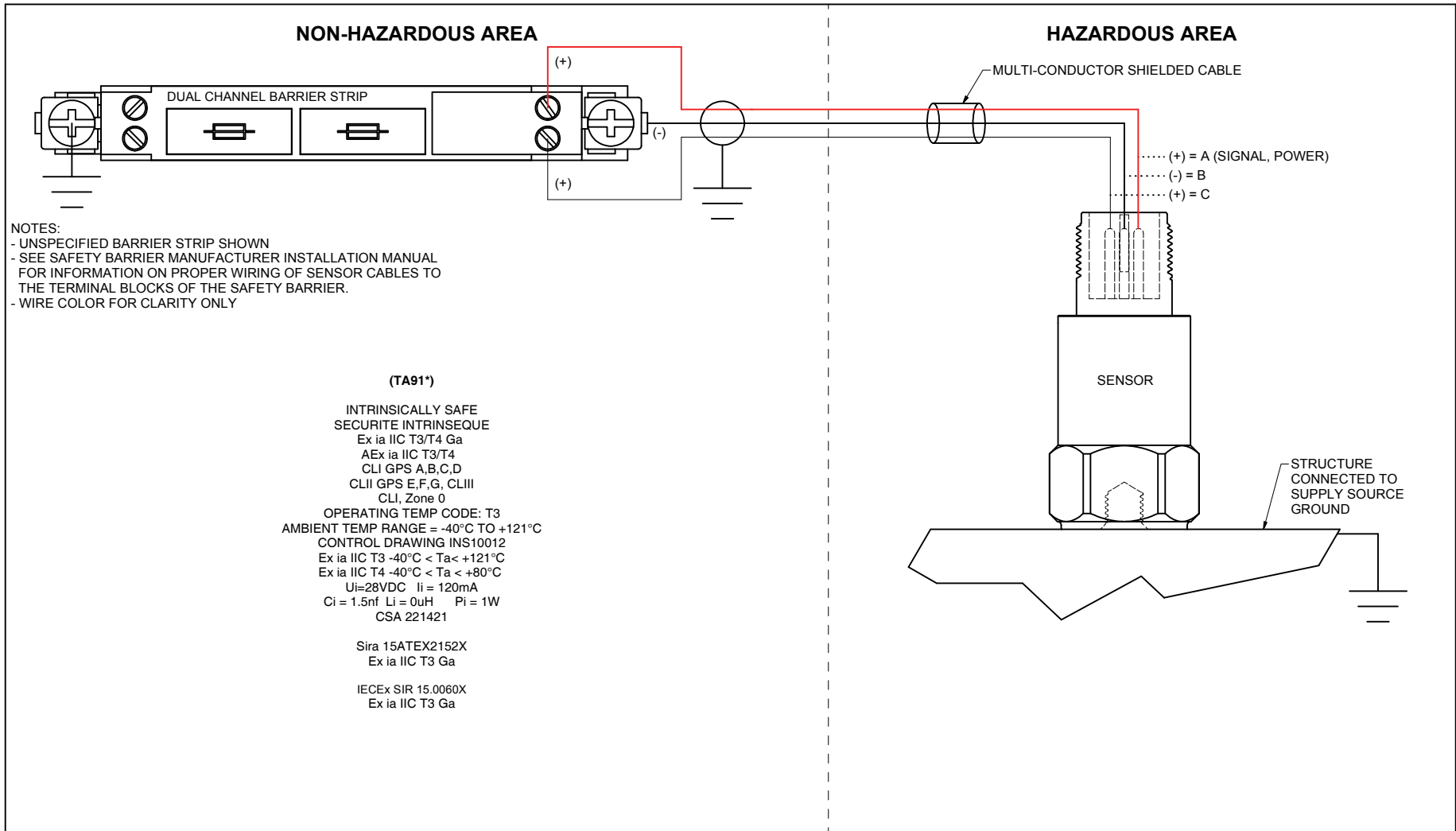
 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX 63
PART #: INS10012	SHEET 3 / 22
DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING	NOT DRAWN TO SCALE



NOTES:
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REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE
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F	ADDED "X" TO ATEX AND IECEX CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
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C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	-
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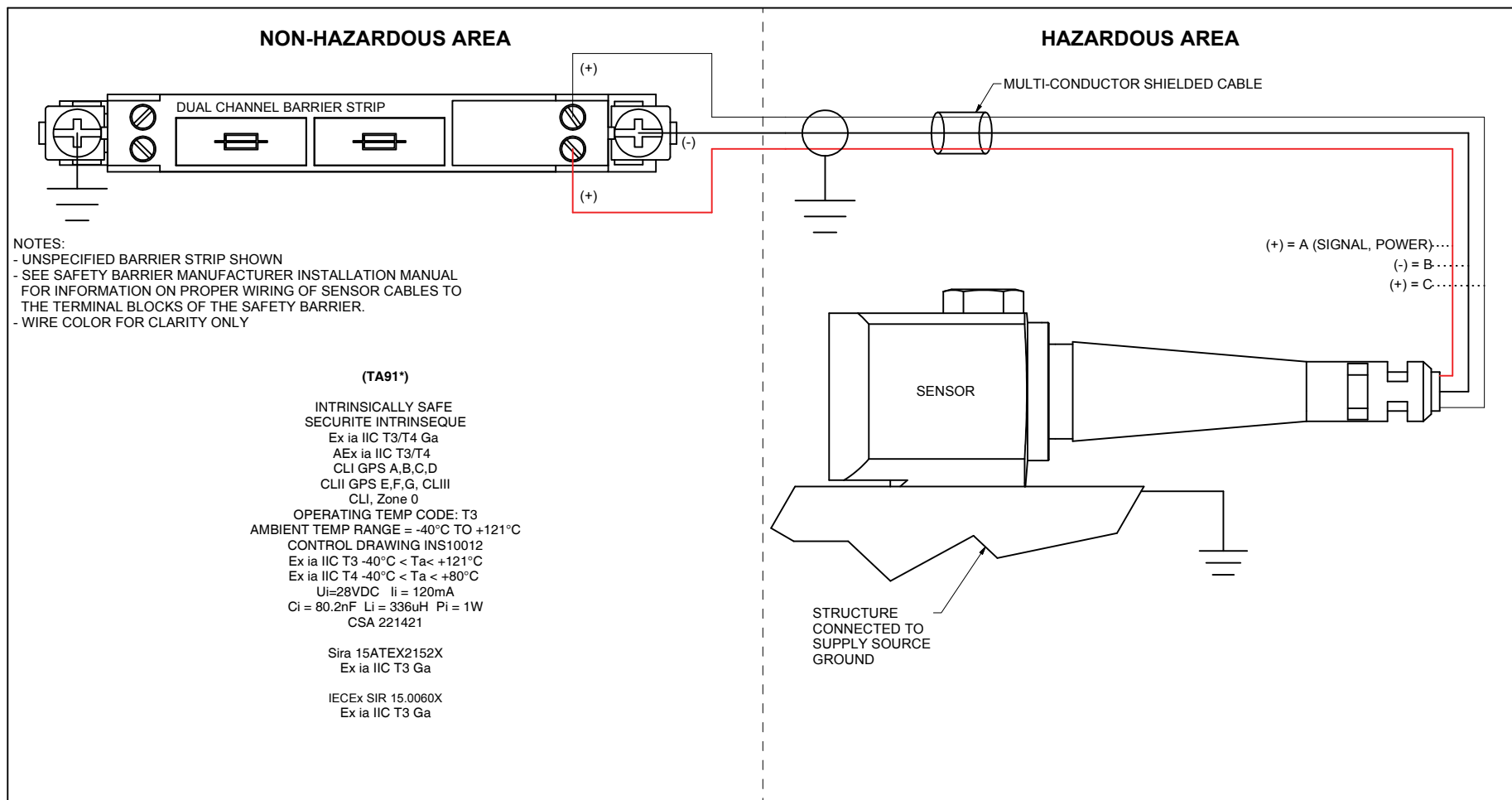


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G	ADDING CTC ADDRESS	-	CRW	TJW	6/15/2015	-	-
F	ADDED "X" TO ATEX AND IECEx CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
E	ADDED NOTE ABOUT BARRIER WIRING	-	CRW	TJW	6/10/2015	-	-
D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
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REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	- <
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NOTES:

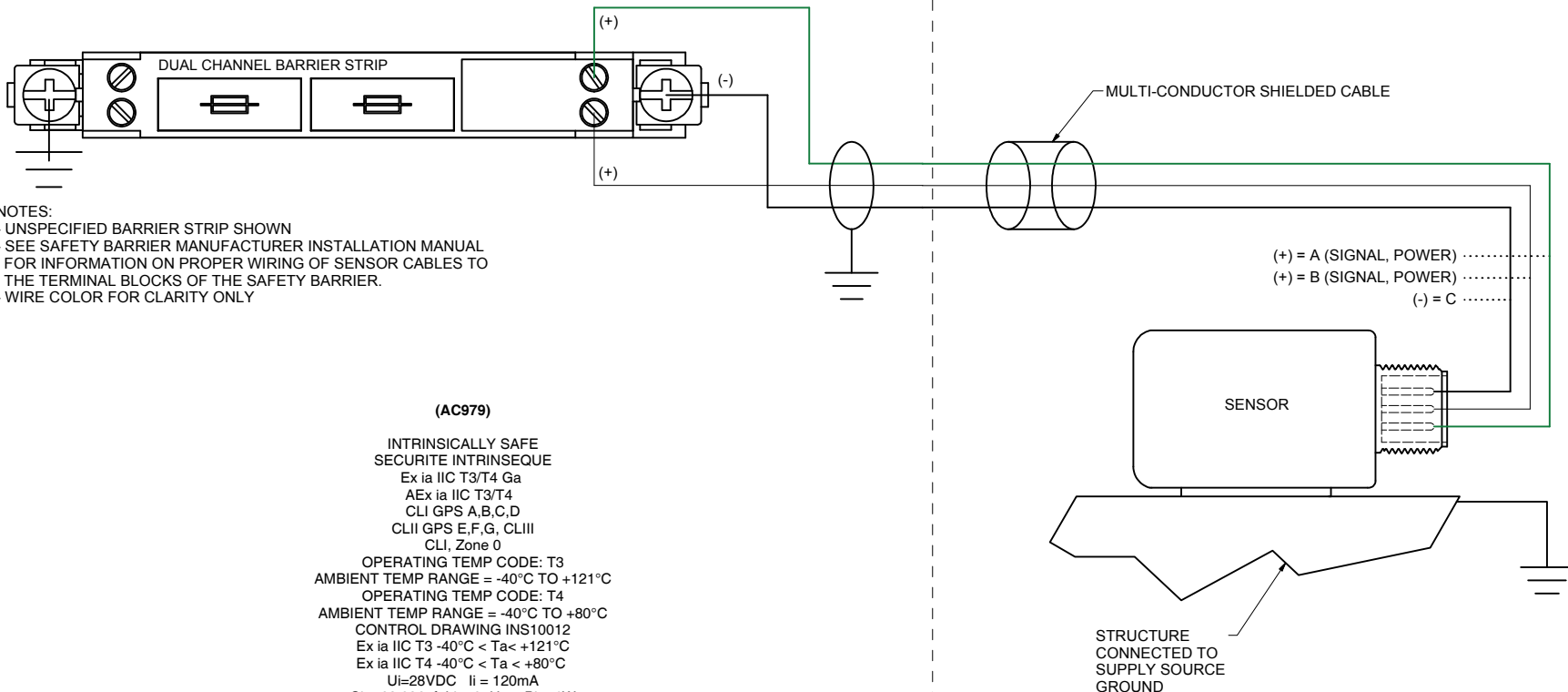
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G	ADDING CTC ADDRESS	-	CRW	TJW	6/15/2015	-	-
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C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX	SHEET 6 / 22		
		PART #: INS10012		NOT DRAWN TO SCALE
		DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING		

NON-HAZARDOUS AREA

HAZARDOUS AREA



NOTES:

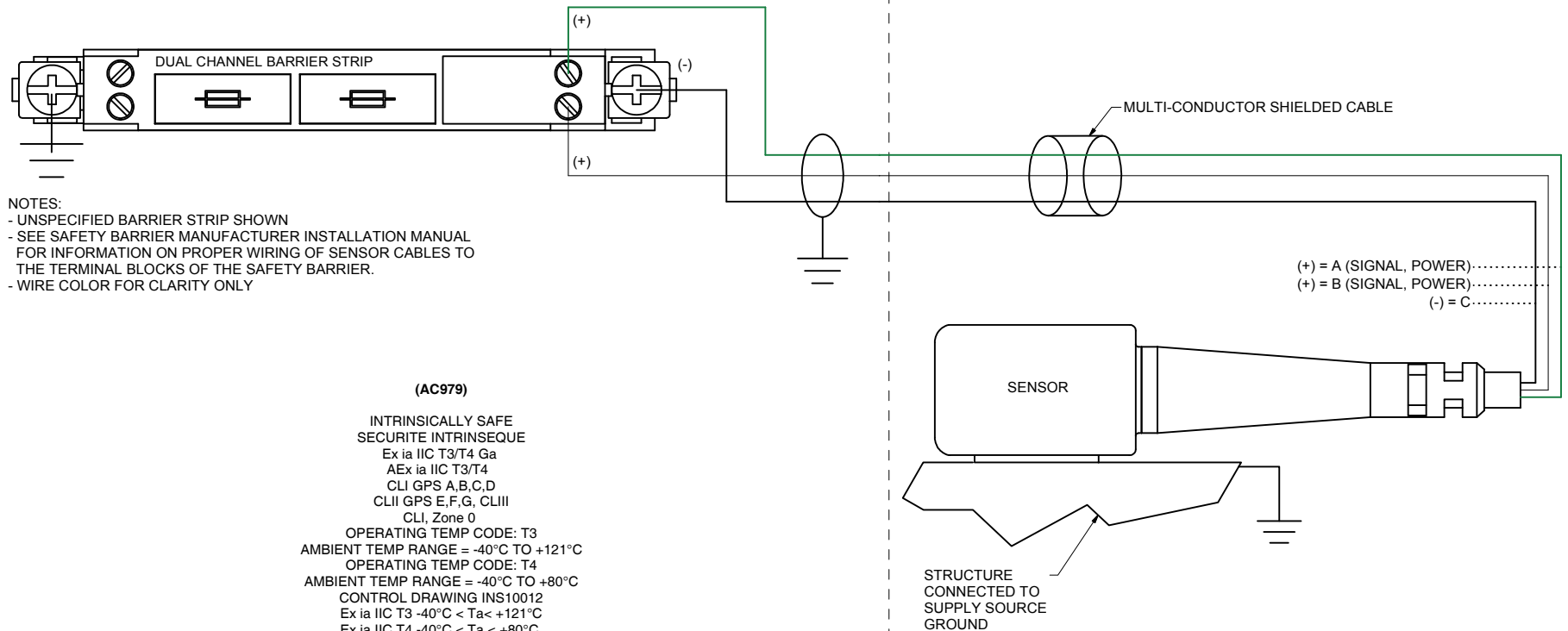
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G	ADDING CTC ADDRESS	-	CRW	TJW	6/15/2015	-	-
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D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	-
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NON-HAZARDOUS AREA

HAZARDOUS AREA



NOTES:

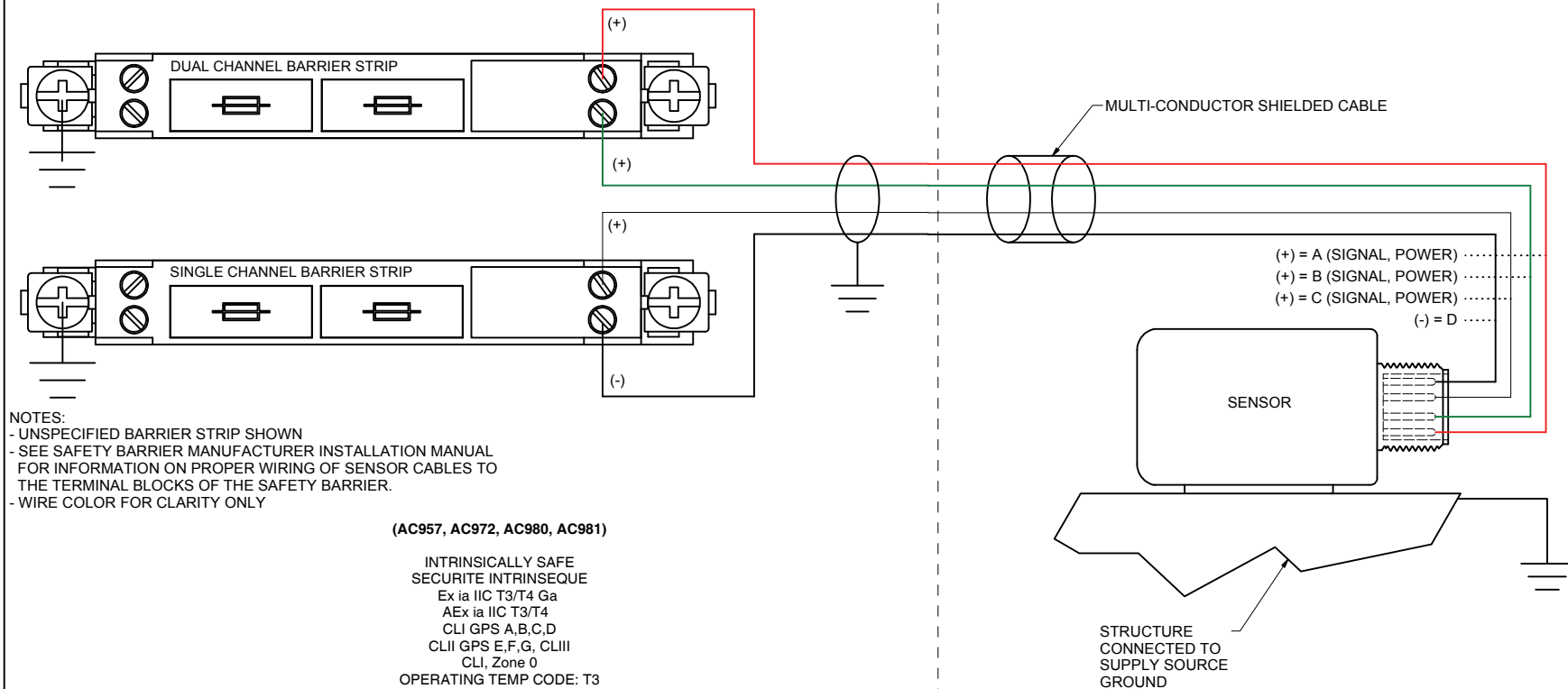
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F	ADDED "X" TO ATEX AND IECEx CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
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C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL -
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NON-HAZARDOUS AREA

HAZARDOUS AREA



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C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-



MATERIAL

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED)
TOLERANCES (UNLESS SPECIFIED)
XXX ± 0.005
XX ± 0.01
X ± 0.1
ANGLE ± 2°
BREAK ALL SHARP EDGES .010 MAX

PART #:

INS10012

DESCRIPTION:

INTRINSIC SAFE SENSOR CONTROL DRAWING

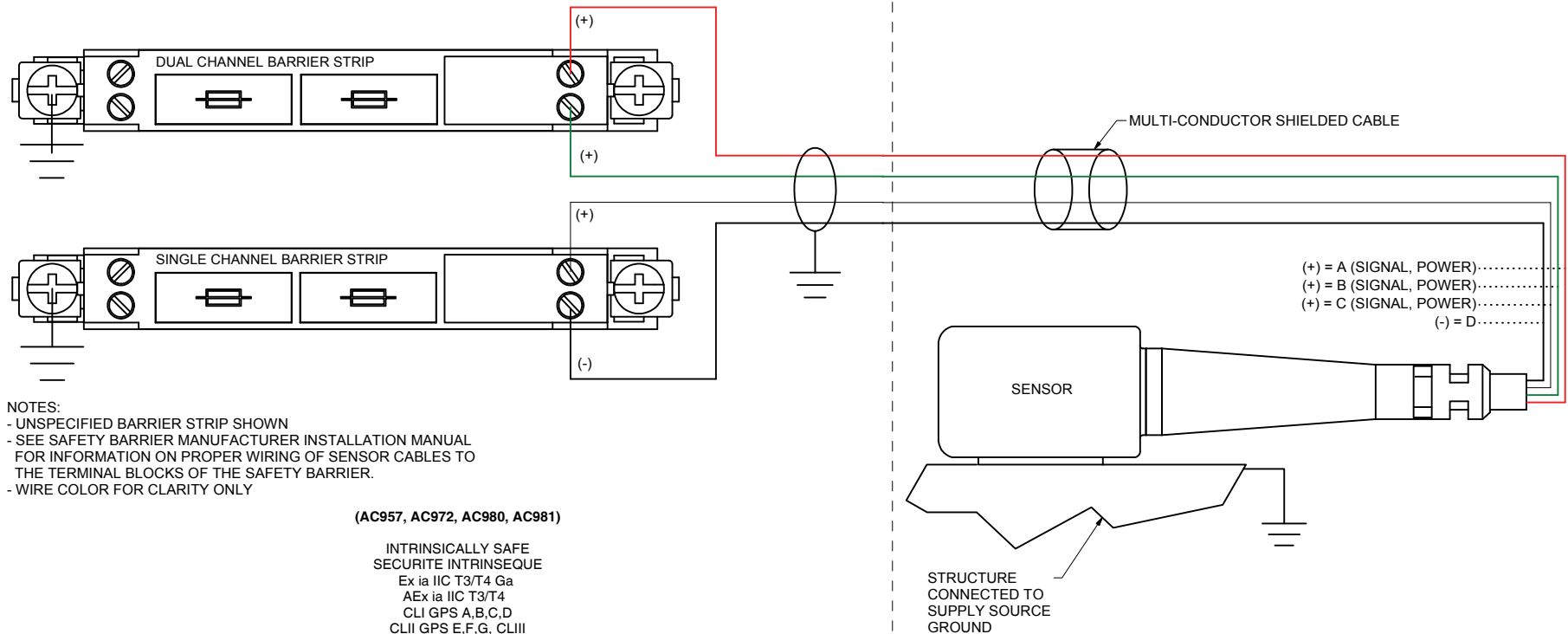
SHEET

9 / 22

NOT DRAWN TO SCALE

NON-HAZARDOUS AREA

HAZARDOUS AREA



NOTES:

- UNSPECIFIED BARRIER STRIP SHOWN
- SEE SAFETY BARRIER MANUFACTURER INSTALLATION MANUAL FOR INFORMATION ON PROPER WIRING OF SENSOR CABLES TO THE TERMINAL BLOCKS OF THE SAFETY BARRIER.
- WIRE COLOR FOR CLARITY ONLY

(AC957, AC972, AC980, AC981)

INTRINSICALLY SAFE
SECURITE INTRINSEQUE

Ex ia IIC T3/T4 Ga

AEx ia IIC T3/T4

CLI GPS A,B,C,D

CLII GPS E,F,G, CLIII

CLI, Zone 0

OPERATING TEMP CODE: T3

AMBIENT TEMP RANGE = -40°C TO +121°C

OPERATING TEMP CODE: T4

AMBIENT TEMP RANGE = -40°C TO +80°C

Control Drawing INS10012

Ex ia IIC T3 -40°C < Ta < +121°C

Ex ia IIC T4 -40°C < Ta < +80°C

Ui=28VDC li = 120mA

Ci = 72.836nF Li = 42uH Pi = 1W

CSA 221421

Sira 15ATEX2152X

Ex ia IIC T3 Ga

IECEx SIR 15.0060X

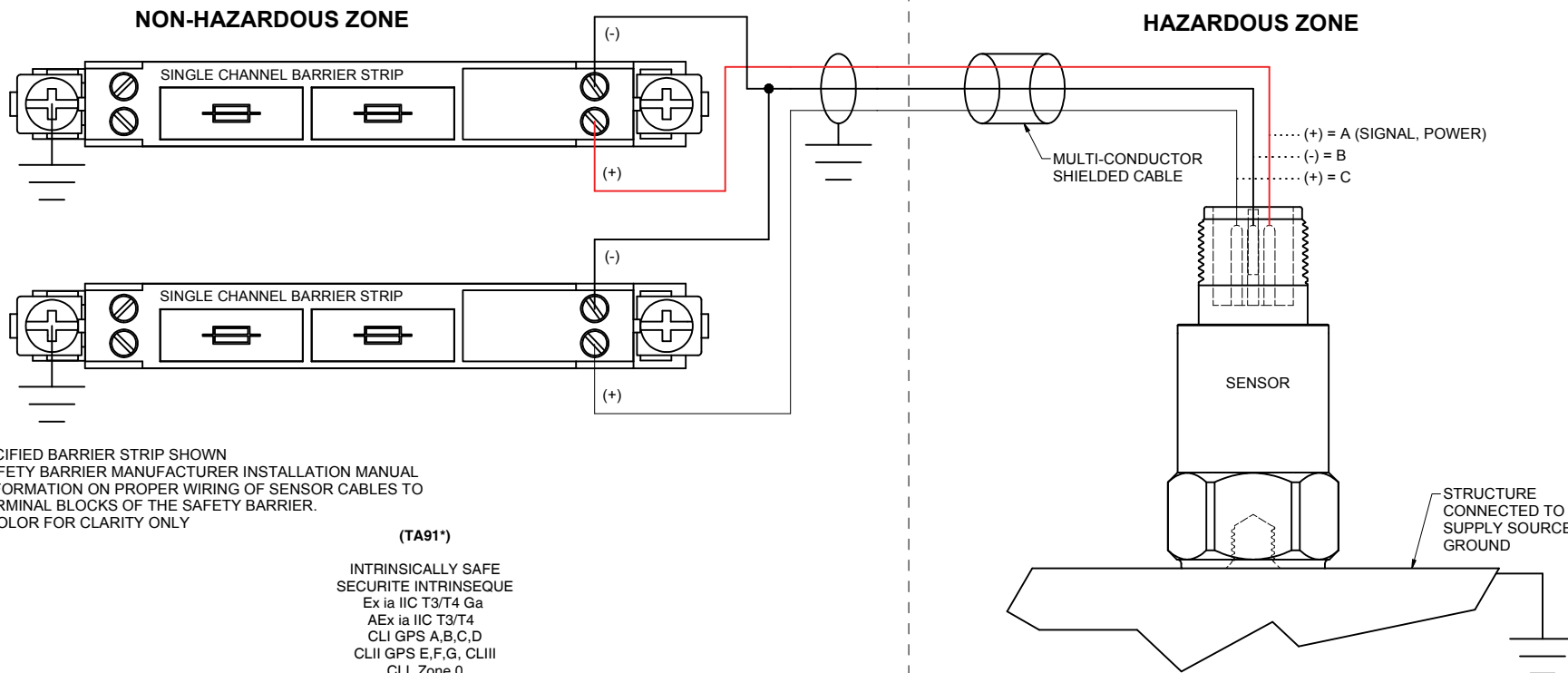
Ex ia IIC T3 Ga

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G	ADDING CTC ADDRESS	-	CRW	TJW	6/15/2015	-	-
F	ADDED "X" TO ATEX AND IECEx CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
E	ADDED NOTE ABOUT BARRIER WIRING	-	CRW	TJW	6/10/2015	-	-
D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
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B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL -
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NOTES:

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- WIRE COLOR FOR CLARITY ONLY

(TA91*)

INTRINSICALLY SAFE
SECURITE INTRINSEQUE
Ex ia IIC T3/T4 Ga
AEx ia IIC T3/T4
CLI GPS A,B,C,D
CLII GPS E,F,G, CLIII
CLI, Zone 0
OPERATING TEMP CODE: T3
AMBIENT TEMP RANGE = -40°C TO +121°C
CONTROL DRAWING INS10012
Ex ia IIC T3 -40°C < Ta < +121°C
Ex ia IIC T4 -40°C < Ta < +80°C
Ui=28VDC li= 120mA
Ci = 1.5nf Li = 0uH Pi = 1W
CSA 221421

Sira 15ATEX2152X
Ex ia IIC T3 Ga

IECEx SIR 15.0060X
Ex ia IIC T3 Ga

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REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE



CONNECTION TECHNOLOGY CENTER, INC
7939 RAE BLVD. VICTOR NY, 14564

MATERIAL

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED
TOLERANCES (UNLESS SPECIFIED)
XXX ± 0.005
XX ± 0.01
X ± 0.1
ANGLE ± 2°
BREAK ALL SHARP EDGES
.010 MAX

PART #:

INS10012

DESCRIPTION:

INTRINSIC SAFE SENSOR CONTROL DRAWING

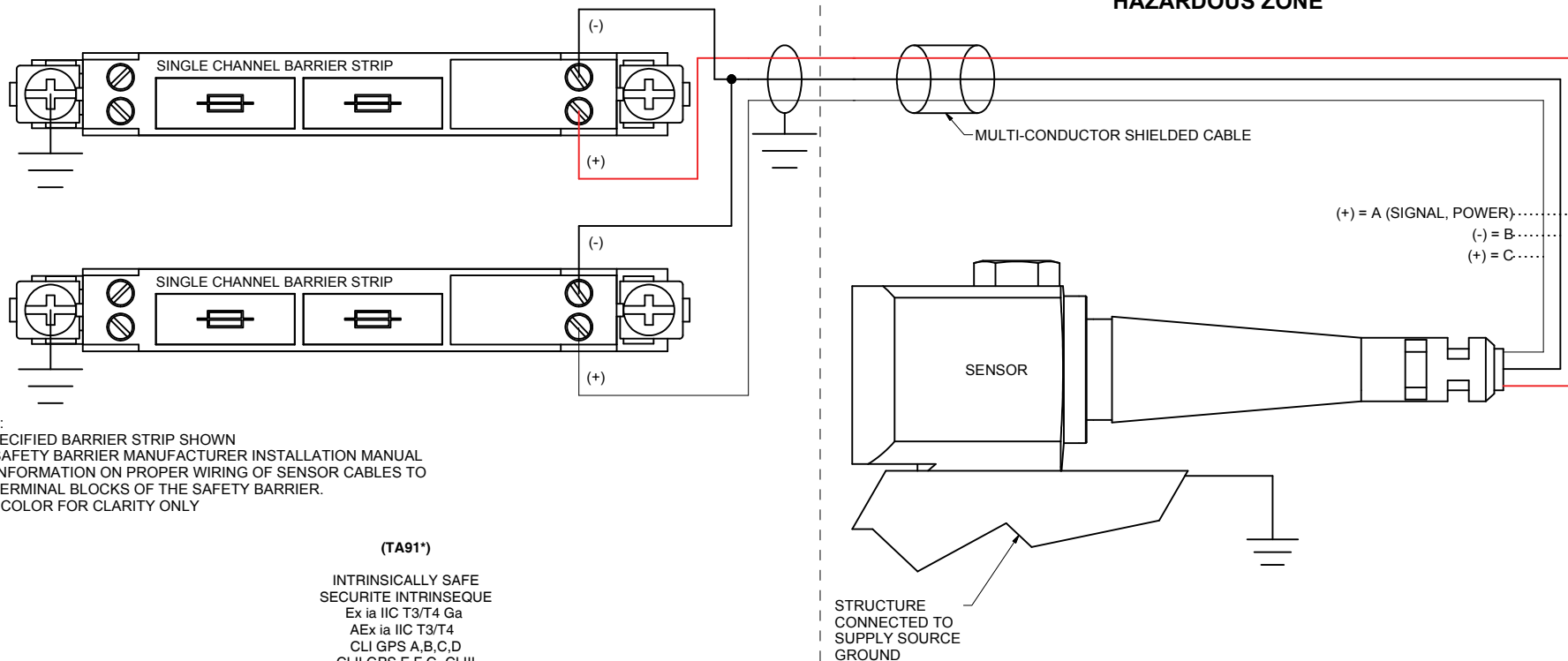
SHEET

11 / 22

NOT DRAWN TO SCALE

NON-HAZARDOUS ZONE

HAZARDOUS ZONE



NOTES:

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- WIRE COLOR FOR CLARITY ONLY

(TA91*)

INTRINSICALLY SAFE
SECURITE INTRINSEQUE
Ex ia IIC T3/T4 Ga
AEx ia IIC T3/T4
CLI GPS A,B,C,D
CLII GPS E,F,G, CLIII
CLI, Zone 0
OPERATING TEMP CODE: T3
AMBIENT TEMP RANGE = -40°C TO +121°C
CONTROL DRAWING INS10012
Ex ia IIC T3 -40°C < Ta < +121°C
Ex ia IIC T4 -40°C < Ta < +80°C
Ui=28VDC li = 120mA
Ci = 80.2nf Li = 336 uH Pi = 1W
CSA 221421

Sira 15ATEX2152X
Ex ia IIC T3 Ga

IECEx SIR 15.0060X
Ex ia IIC T3 Ga

NOTES:

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D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
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B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-



CONNECTION TECHNOLOGY CENTER, INC
7939 RAE BLVD. VICTOR NY, 14564

MATERIAL

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UNLESS OTHERWISE SPECIFIED
TOLERANCES (UNLESS SPECIFIED)
XXX ± 0.005
XX ± 0.01
X ± 0.1
ANGLE ± 2°
BREAK ALL SHARP EDGES
.010 MAX

PART #:

INS10012

DESCRIPTION:

INTRINSIC SAFE SENSOR CONTROL DRAWING

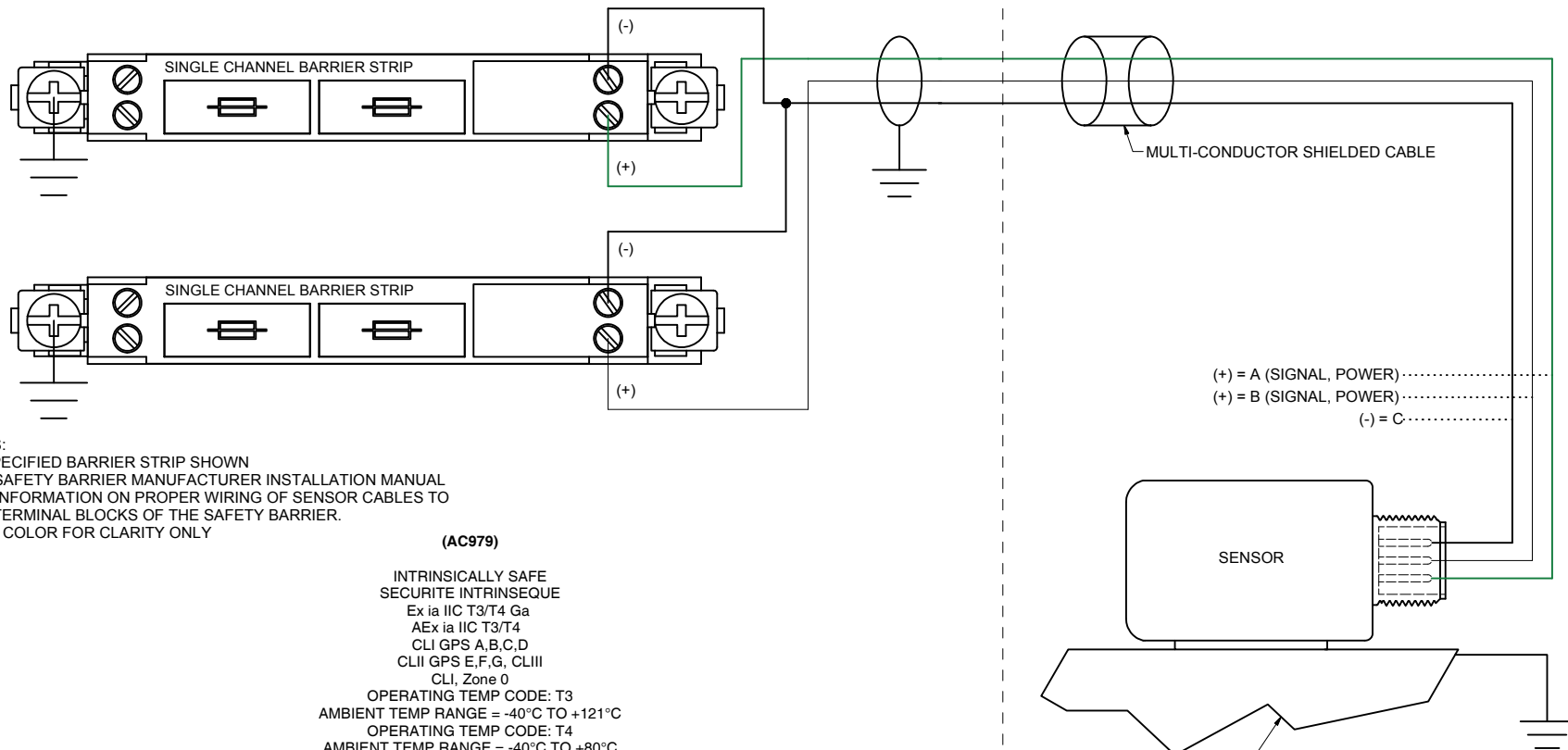
SHEET

12 / 22

NOT DRAWN TO SCALE

NON-HAZARDOUS AREA

HAZARDOUS AREA



NOTES:

- UNSPECIFIED BARRIER STRIP SHOWN
- SEE SAFETY BARRIER MANUFACTURER INSTALLATION MANUAL FOR INFORMATION ON PROPER WIRING OF SENSOR CABLES TO THE TERMINAL BLOCKS OF THE SAFETY BARRIER.
- WIRE COLOR FOR CLARITY ONLY

(AC979)

INTRINSICALLY SAFE
SECURITE INTRINSEQUE

Ex ia IIC T3/T4 Ga

AEx ia IIC T3/T4

CLI GPS A,B,C,D

CLII GPS E,F,G, CLIII

CLI, Zone 0

OPERATING TEMP CODE: T3

AMBIENT TEMP RANGE = -40°C TO +121°C

OPERATING TEMP CODE: T4

AMBIENT TEMP RANGE = -40°C TO +80°C

CONTROL DRAWING INS10012

Ex ia IIC T3 -40°C < Ta < +121°C

Ex ia IIC T4 -40°C < Ta < +80°C

Ui=28VDC Ii = 120mA

Ci = 63.036nf Li = 0uH Pi = 1W

CSA 221421

Sira 15ATEX2152X

Ex ia IIC T3 Ga

IECEX SIR 15.0060X

Ex ia IIC T3 Ga

NOTES:

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[(Cable + Ci < Ca) & (Lcable + Li < La)]

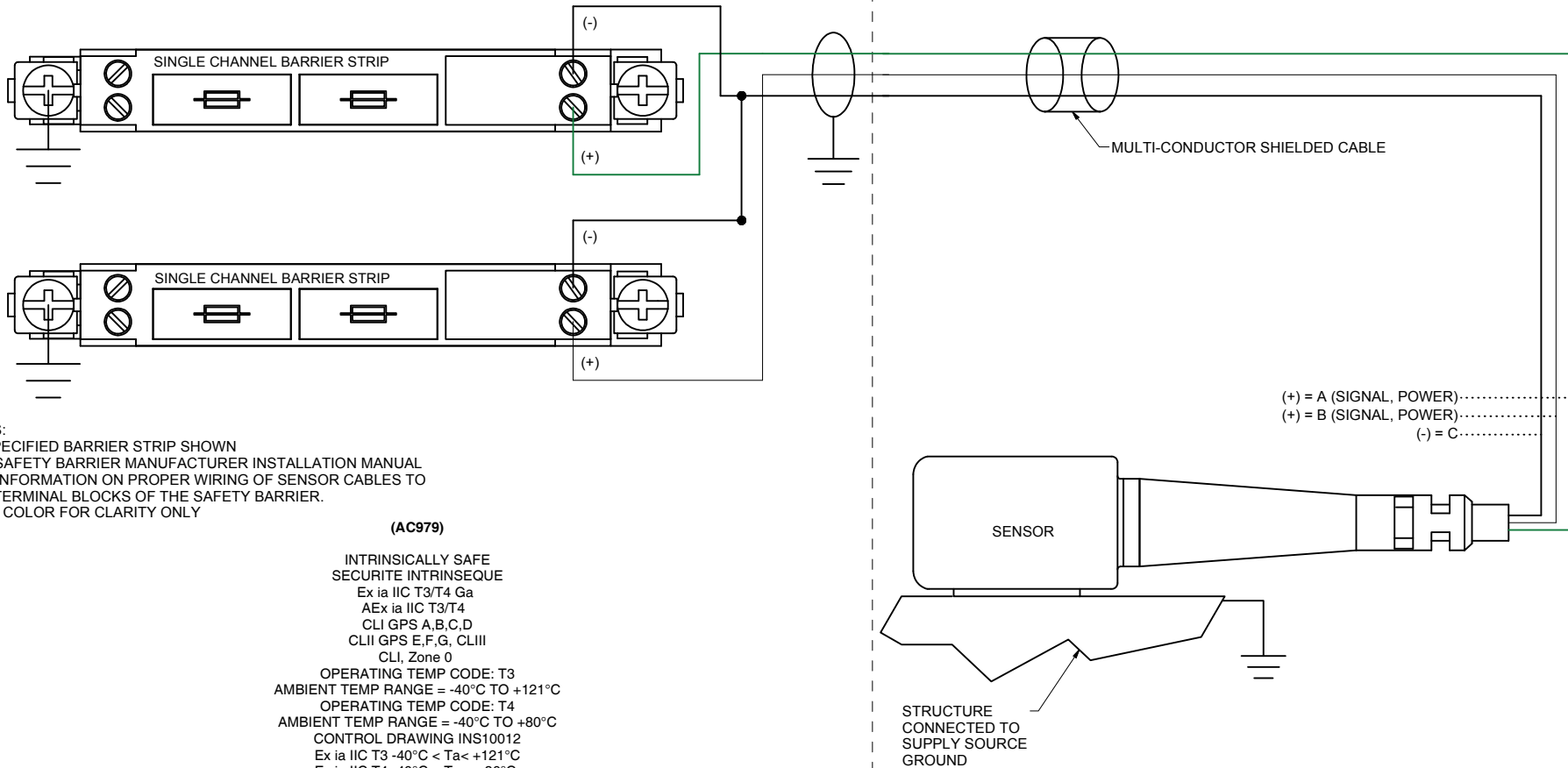
H	ADDED SINGLE CHANNEL BARRIER WIRING OPTIONS, UPDATE LAYOUT OF DRAWINGS AND ADD MODAL TRIAX VARIATION, MOVE ADDRESS TO TITLE BLOCK, SEPERATED TA & BIAIXIAL SENSORS	-	CRW / DMG	MGS	4/18/2017	JLS	4/18/2017
G	ADDING CTC ADDRESS	-	CRW	TJW	6/15/2015	-	-
F	ADDED "X" TO ATEX AND IECEX CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
E	ADDED NOTE ABOUT BARRIER WIRING	-	CRW	TJW	6/10/2015	-	-
D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX	63 ✓
PART #: INS10012		SHEET 13 / 22
DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING		NOT DRAWN TO SCALE

CTC HIGHLY CONFIDENTIAL AND PROPRIETARY INFORMATION

NON-HAZARDOUS AREA

HAZARDOUS AREA



NOTES:

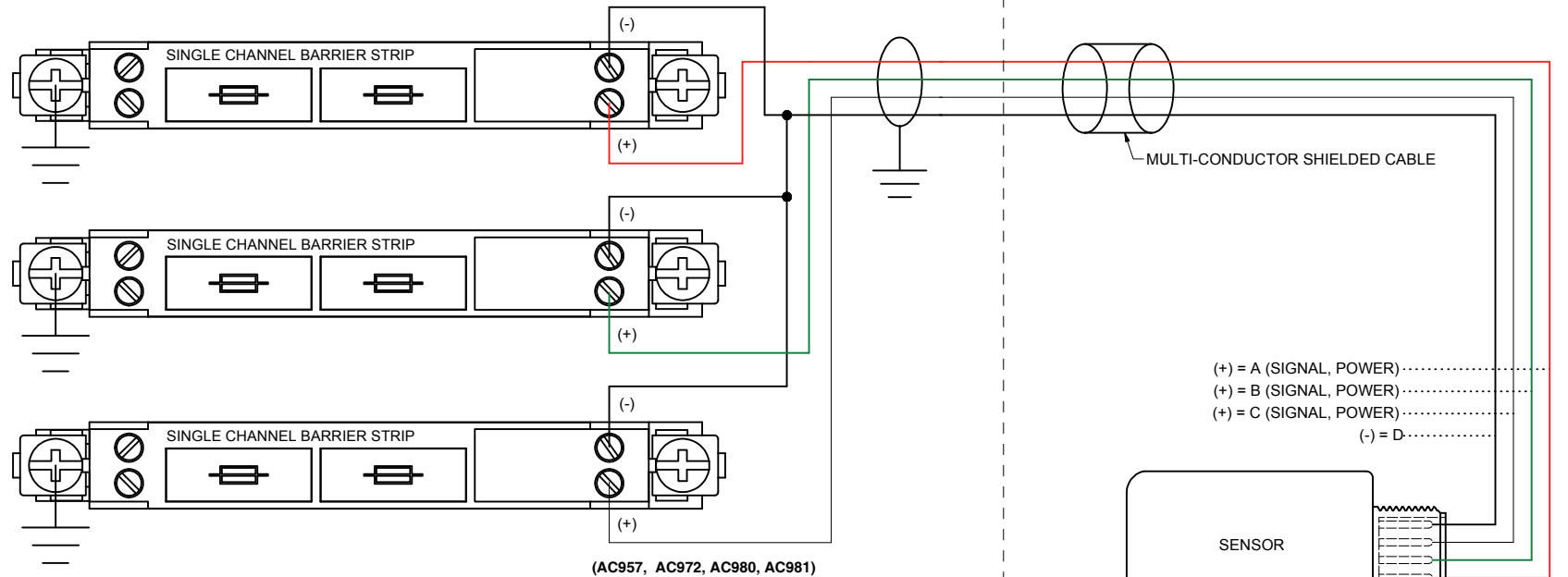
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REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE
H	ADDED SINGLE CHANNEL BARRIER WIRING OPTIONS, UPDATE LAYOUT OF DRAWINGS AND ADD MODAL TRIAX VARIATION, MOVE ADDRESS TO TITLE BLOCK, SEPERATED TA & BIAIXIAL SENSORS	-	CRW / DMG	MGS	4/18/2017	JLS	4/18/2017
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F	ADDED "X" TO ATEX AND IECEx CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
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D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL -	ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX
PART #: INS10012		SHEET 14 / 22
DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING		NOT DRAWN TO SCALE

NON-HAZARDOUS AREA

HAZARDOUS AREA



NOTES:
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[(Cable + Ci < Ca) & (Lcable + Li < La)]

INTRINSICALLY SAFE
SECURITE INTRINSEQUE
Ex ia IIC T3/T4 Ga
AEx ia IIC T3/T4
CLI GPS A,B,C,D
CLII GPS E,F,G, CLIII
CLI, Zone 0
OPERATING TEMP CODE: T3
AMBIENT TEMP RANGE = -40°C TO +121°C
OPERATING TEMP CODE: T4
AMBIENT TEMP RANGE = -40°C TO +80°C
CONTROL DRAWING INS10012
Ex ia IIC T3 -40°C < Ta < +121°C
Ex ia IIC T4 -40°C < Ta < +80°C
Ui=28VDC Ii = 120mA
Ci = 63.036nF Li = 0uH Pi = 1W
CSA 221421
Sira 15ATEX2152X
Ex ia IIC T3 Ga
IECEx SIR 15.0060X
Ex ia IIC T3 Ga

NOTES:
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[(Cable + Ci < Ca) & (Lcable + Li < La)]

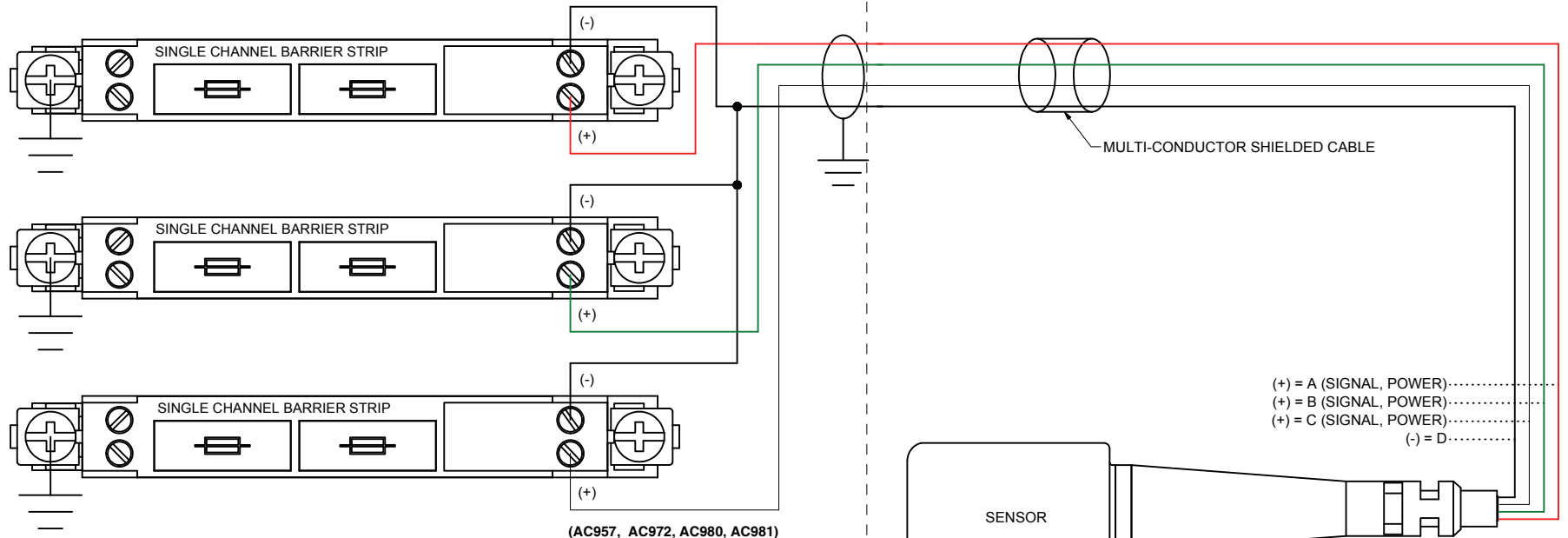
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE
H	ADDED SINGLE CHANNEL BARRIER WIRING OPTIONS, UPDATE LAYOUT OF DRAWINGS AND ADD MODAL TRIAX VARIATION, MOVE ADDRESS TO TITLE BLOCK, SEPERATED TA & BIAIXIAL SENSORS	-	CRW / DMG	MGS	4/18/2017	JLS	4/18/2017
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D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX		
PART #: INS10012			SHEET 15 / 22
	DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING		NOT DRAWN TO SCALE

CTC HIGHLY CONFIDENTIAL AND PROPRIETARY INFORMATION

NON-HAZARDOUS AREA

HAZARDOUS AREA



(AC957, AC972, AC980, AC981)

- NOTES:
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 - WIRE COLOR FOR CLARITY ONLY

INTRINSICALLY SAFE
SECURITE INTRINSEQUE
Ex ia IIC T3/T4 Ga
AEx ia IIC T3/T4
CLi GPS A,B,C,D
CLII GPS E,F,G, CLIII
CLi, Zone 0
OPERATING TEMP CODE: T3
AMBIENT TEMP RANGE = -40°C TO +121°C
OPERATING TEMP CODE: T4
AMBIENT TEMP RANGE = -40°C TO +80°C
CONTROL DRAWING INS10012
Ex ia IIC T3 -40°C < Ta < +121°C
Ex ia IIC T4 -40°C < Ta < +80°C
Ui=28VDC li = 120mA
Ci = 72.836nf Li = 42uH Pi = 1W
CSA 221421

Sira 15ATEX2152X
Ex ia IIC T3 Ga

IECEx SIR 15.0060X
Ex ia IIC T3 Ga

STRUCTURE
CONNECTED TO
SUPPLY SOURCE
GROUND

- NOTES:
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REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE
H	ADDED SINGLE CHANNEL BARRIER WIRING OPTIONS, UPDATE LAYOUT OF DRAWINGS AND ADD MODAL TRIAX VARIATION, MOVE ADDRESS TO TITLE BLOCK, SEPERATED TA & BIAIXIAL SENSORS	-	CRW / DMG	MGS	4/18/2017	JLS	4/18/2017
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F	ADDED "X" TO ATEX AND IECEx CERTIFICATE NUMBERS	-	CRW	TJW	6/11/2015	-	-
E	ADDED NOTE ABOUT BARRIER WIRING	-	CRW	TJW	6/10/2015	-	-
D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
C	ADD TA/TRIAX VARIATIONS	-	DMG	CRW	5/1/2015	-	-
B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-

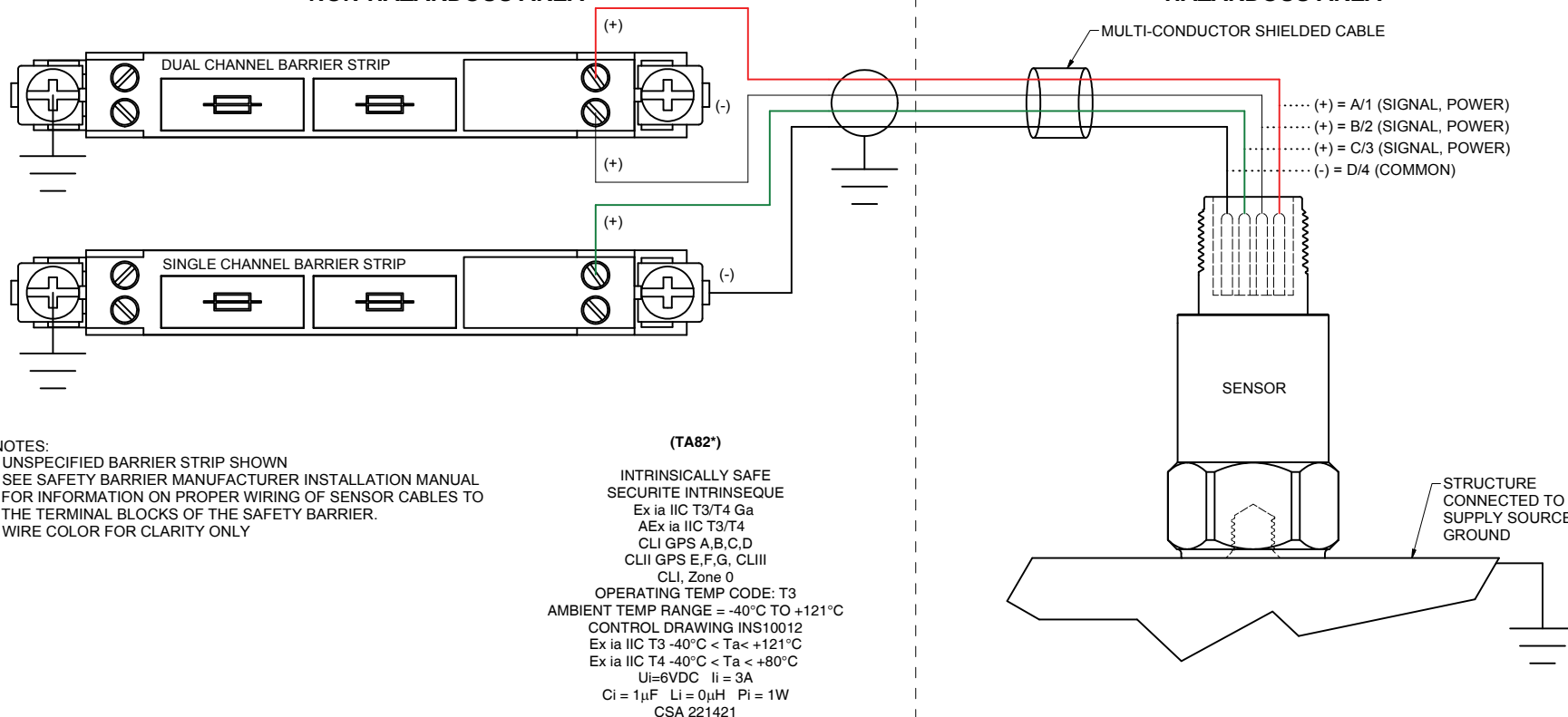


MATERIAL	ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
-	TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX

PART #:	INS10012	SHEET
DESCRIPTION:	INTRINSIC SAFE SENSOR CONTROL DRAWING	16 / 22
		NOT DRAWN TO SCALE

NON-HAZARDOUS AREA

HAZARDOUS AREA

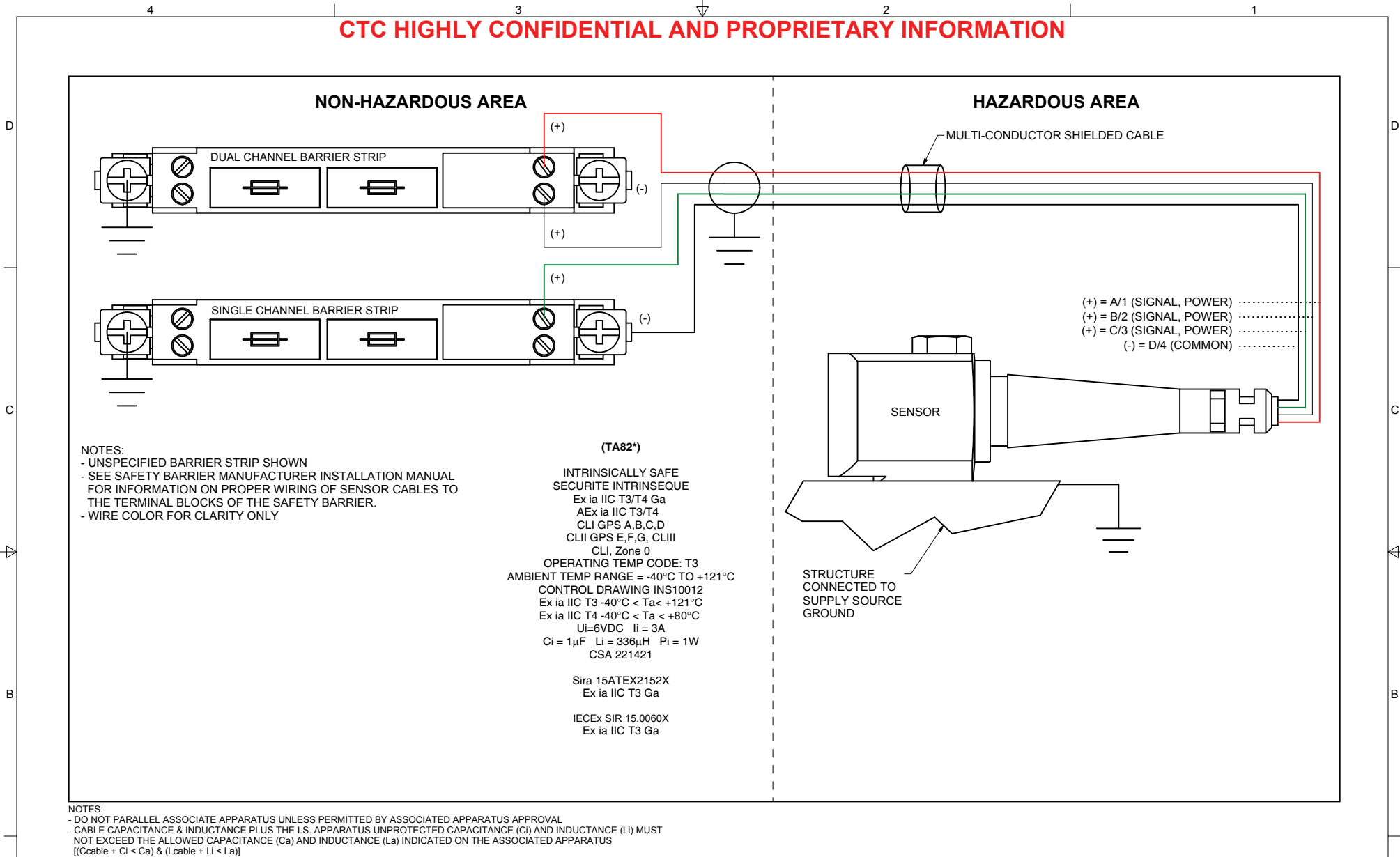


NOTES:

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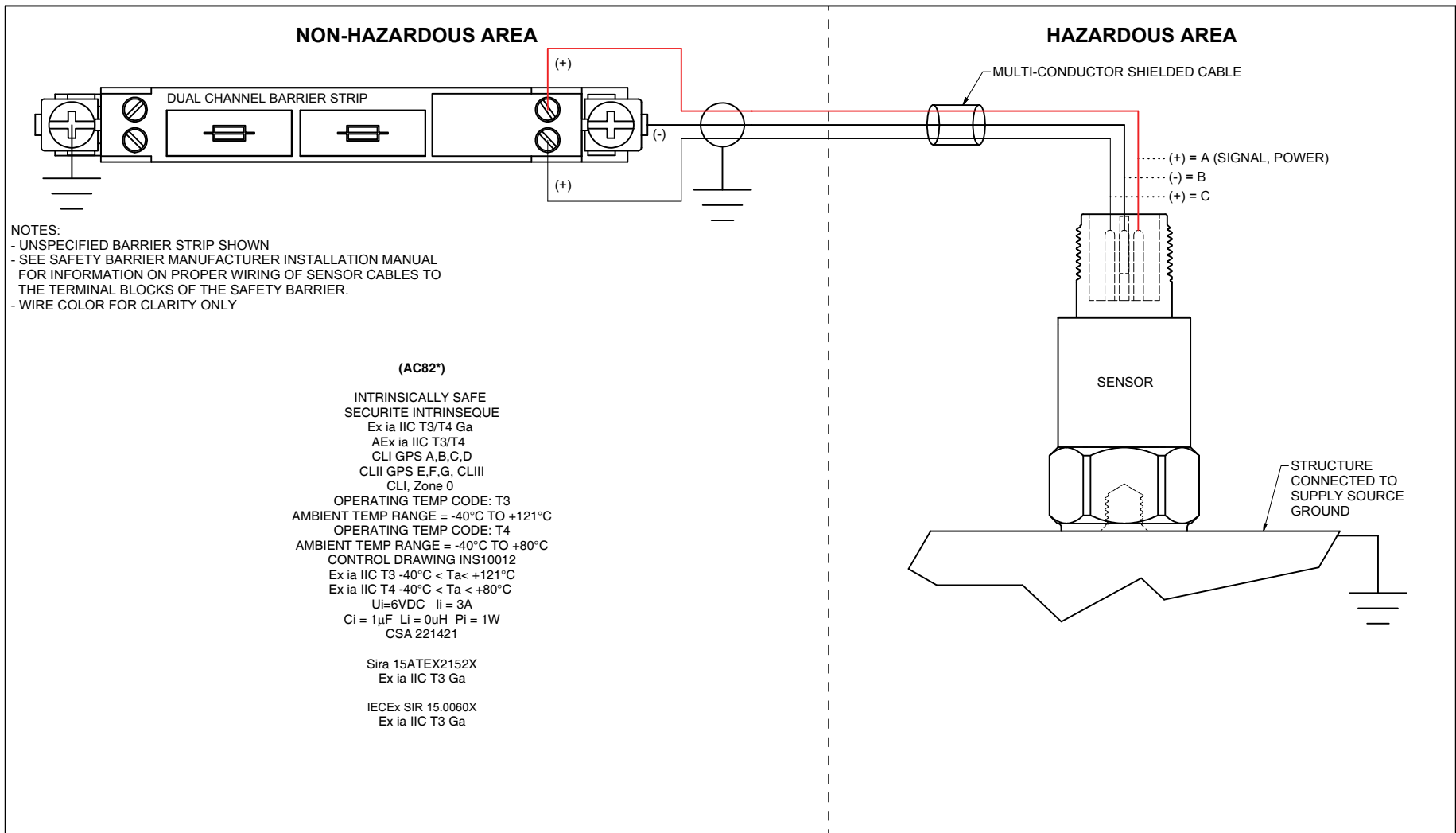
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B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL -	ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	
		TOLERANCES (UNLESS SPECIFIED)	
XXX		± 0.005	63√
XX		± 0.01	
X	± 0.1		
ANGLE		± 2°	
BREAK ALL SHARP EDGES .010 MAX			
PART #:	INS10012		SHEET
DESCRIPTION:	INTRINSIC SAFE SENSOR CONTROL DRAWING		17 / 22
			NOT DRAWN TO SCALE



H	ADDED SINGLE CHANNEL BARRIER WIRING OPTIONS, UPDATE LAYOUT OF DRAWINGS AND ADD MODAL TRIAX VARIATION, MOVE ADDRESS TO TITLE BLOCK, SEPERATED TA & BIAIXIAL SENSORS	-	CRW / DMG	MGS	4/18/2017	JLS	4/18/2017
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D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
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B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-
REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX		
PART #: INS10012		SHEET 18 / 22	
DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING		NOT DRAWN TO SCALE	

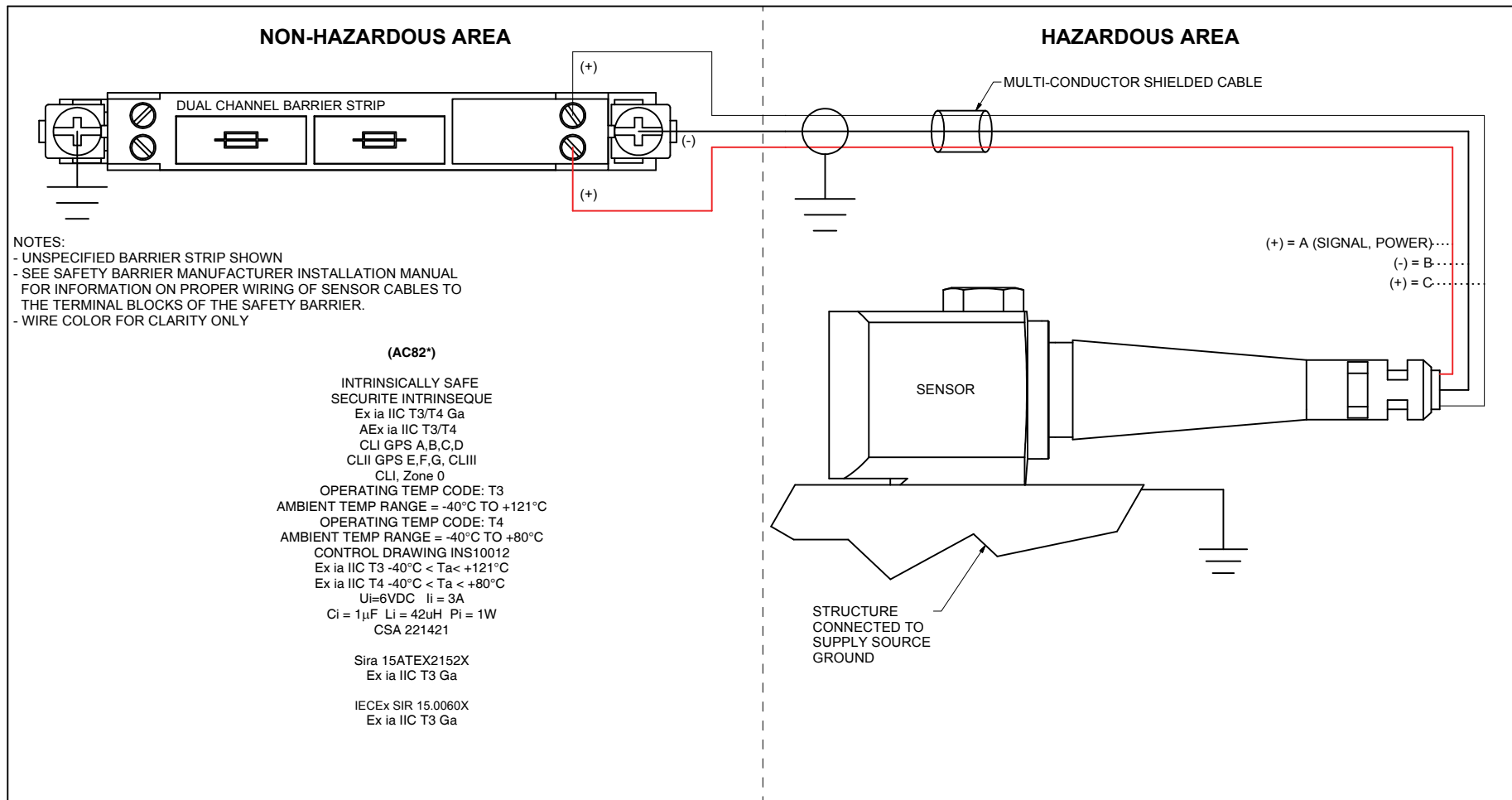


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 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL -	ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° 63√ BREAK ALL SHARP EDGES .010 MAX
PART #: INS10012		SHEET 19 / 22
DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING		NOT DRAWN TO SCALE

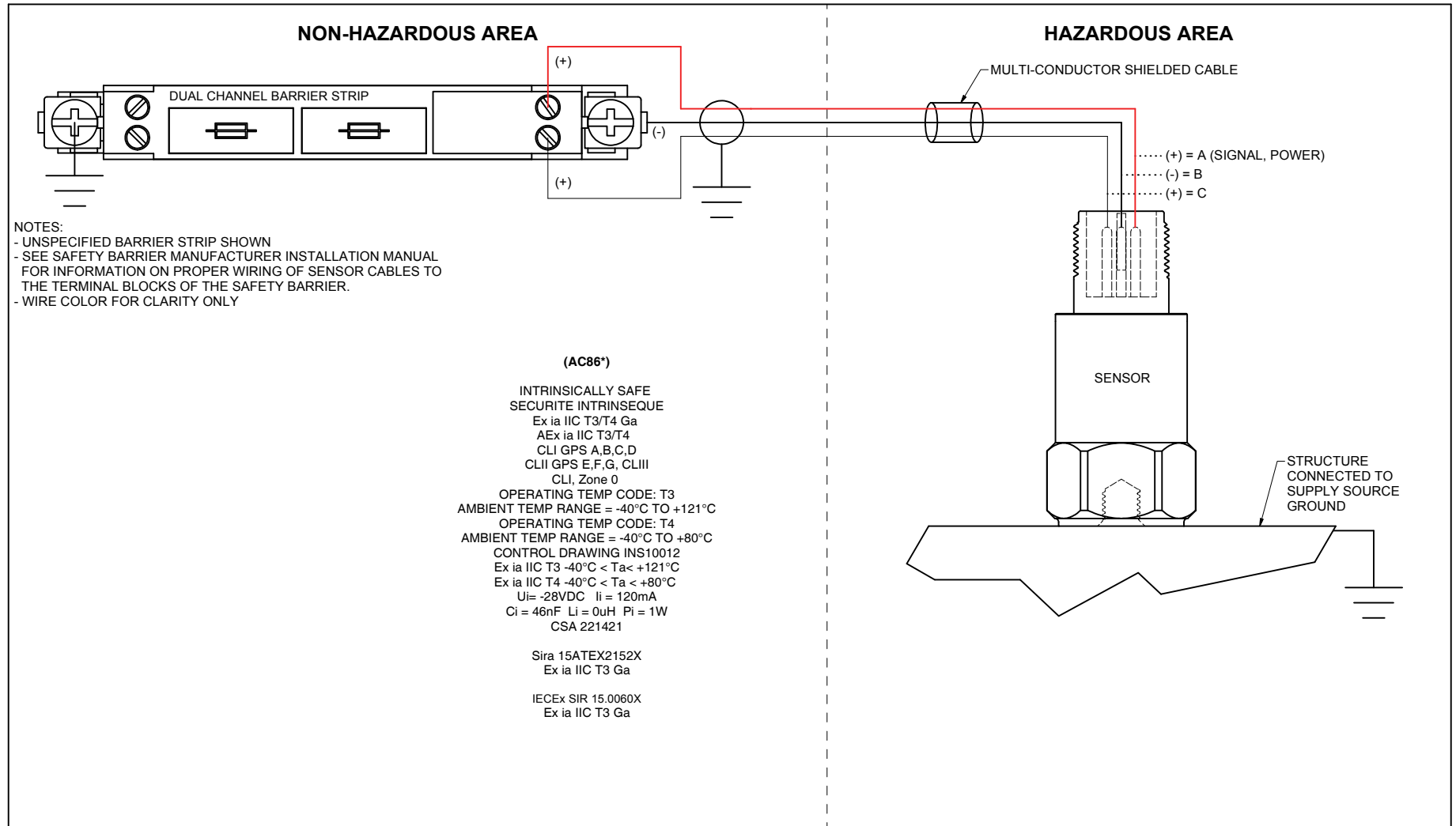


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D	UPDATED ENTITY PARAMETERS	-	CRW	TL	6/4/2015	-	-
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 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL -
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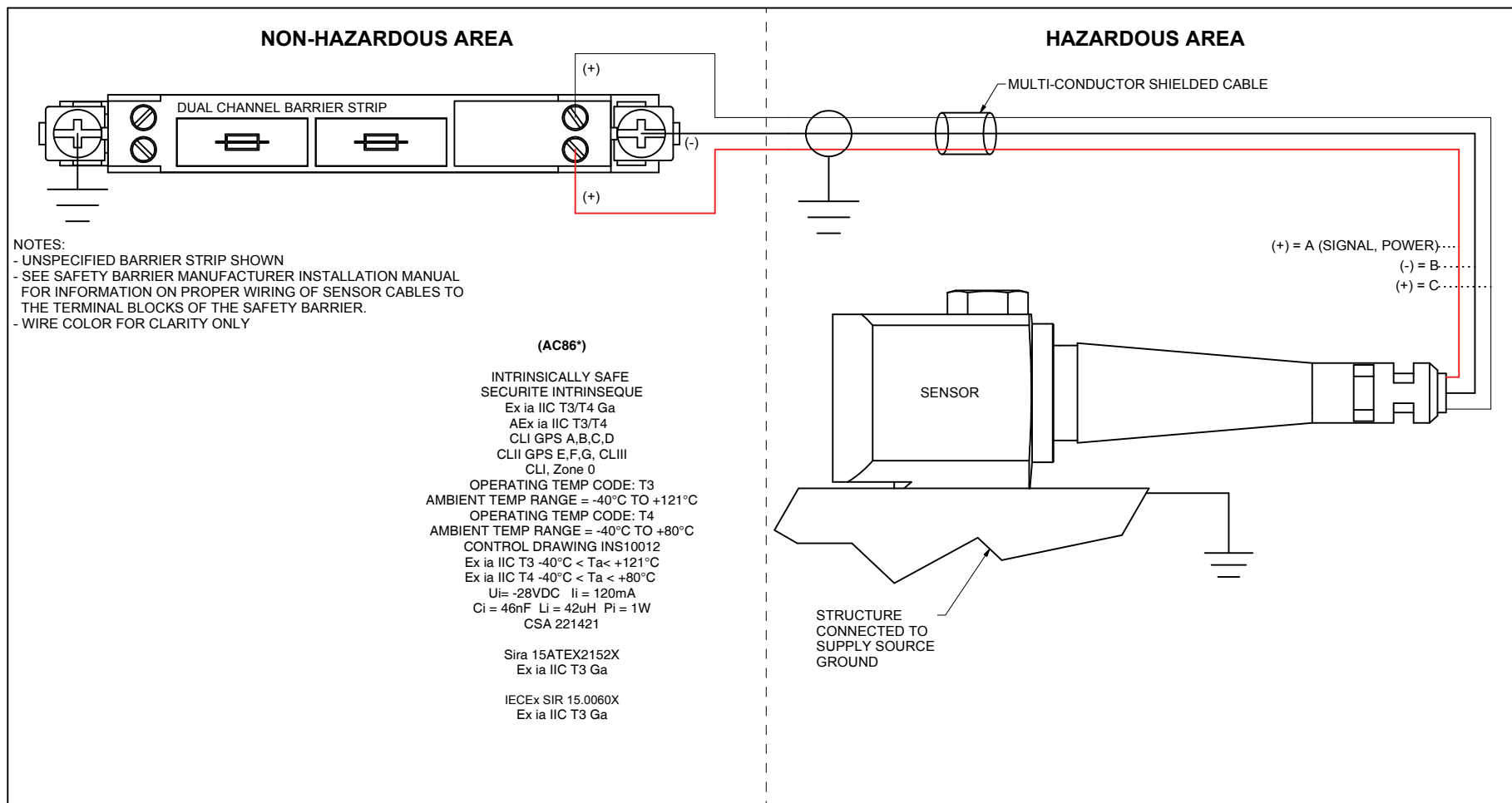


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REV	DESCRIPTION	ECO#	DESIGNER	ENG APPROVED	DATE	MFG APPROVED	DATE

 CONNECTION TECHNOLOGY CENTER, INC 7939 RAE BLVD. VICTOR NY, 14564	MATERIAL - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX	SHEET 21 / 22
PART #: INS10012		NOT DRAWN TO SCALE
DESCRIPTION: INTRINSIC SAFE SENSOR CONTROL DRAWING		



NOTES:

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B	UPDATE TO ADD LOW CAPACITANCE/DUST APPROVAL	-	DMG	SAS	12/21/2009	-	-
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		TOLERANCES (UNLESS SPECIFIED) XXX ± 0.005 XX ± 0.01 X ± 0.1 ANGLE ± 2° BREAK ALL SHARP EDGES .010 MAX	63 
PART #:	INS10012		SHEET
DESCRIPTION:			22 / 22
INTRINSIC SAFE SENSOR CONTROL DRAWING			NOT DRAWN TO SCALE