



Certificate of Compliance

Certificate: 1807522

Master Contract: 190113

Project: 1948816

Date Issued: 2007/12/11

Issued to: ABB Automation Products GmbH

Borsigstrasse 2
Alzenau, 63755
Germany
Attention: Mr. Klaus Zeiger

The products listed below are eligible to bear the CSA Mark shown



Issued by: Ron Wildish

Authorized by: Peter Schimmoeller, Manager
of Certification Services

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div 1, Groups A, B, C and D; Class II, Div. 1, Groups E, F and G; Class III, Div. 1; Type 4X:

Model TTF300-R3xxHx Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; Temp. Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; Temp. Code T6 @ Max Ambient 56 Deg C.

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

Class I, Div 2, Groups A, B, C and D; Class II, Div. 2, Groups E, F and G; Class III, Div. 2; Type 4X:

Model TTF300-R2xxHx Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; mounted in Div. 2



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location and providing nonincendive circuits for Class I, Div. 2, to thermocouples, RTD's and passive-resistive switch devices, when installed per installation Dwg. 214827; Temp. Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; Temp. Code T6 @ Max Ambient 56 Deg C.

Class I, Div 2, Groups A, B, C and D; Type 4X:

Model TTF300-R2xxHx Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; non-incendive (terminals "+" and "-") with Entity input parameters of: $V_{max}/U_i = 30V$, $I_{max}/I_i = 130mA$, $P_{max}/P_i = 0.8 W$, $C_i = 5 nF$, $L_i = 0.5 mH$; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: $V_{oc}/U_o = 6.5V$, $I_{sc}/I_o = 25 mA$, $P_o = 38 mW$, $C_a/C_o = 1.55 \mu F$, $L_a/L_o = 5.0 mH$; and having output terminals (terminals JP1) with entity output parameters of: $V_{oc}/U_o = 6.2 V$, $I_{sc}/I_o = 65.2 mA$, $P_o = 101 mW$, $C_a/C_o = 1.4 \mu F$, $L_a/L_o = 5.0 mH$; when installed per installation Dwg. 214895; T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Class I, Div 2, Groups A, B, C and D:

Model TTH300-R2H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; mounted in Div. 2 location and providing nonincendive circuits for Class I, Div. 2, to thermocouples, RTD's and passive-resistive switch devices, when installed per installation Dwg. 214824; Temp. Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; Temp. Code T6 @ Max Ambient 56 Deg C.

Model TTH200-R2H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; mounted in Div. 2 location and providing nonincendive circuits for Class I, Div. 2, to thermocouples, RTD's and passive-resistive switch devices, when installed per installation Dwg. TTH200-R2H(1); Temp. Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; Temp. Code T6 @ Max Ambient 56 Deg C.

Model TTH300-R2H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; non-incendive (terminals "+" and "-") with Entity input parameters of: $V_{max}/U_i = 30V$, $I_{max}/I_i = 130mA$, $P_{max}/P_i = 0.8 W$, $C_i = 5 nF$, $L_i = 0.5 mH$; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: $V_{oc}/U_o = 6.5V$, $I_{sc}/I_o = 25 mA$, $P_o = 38 mW$, $C_a/C_o = 1.55 \mu F$, $L_a/L_o = 5.0 mH$; and having output terminals (terminals JP1) with entity output parameters of: $V_{oc}/U_o = 6.2 V$, $I_{sc}/I_o = 65.2 mA$, $P_o = 101 mW$, $C_a/C_o = 1.4 \mu F$, $L_a/L_o = 5.0 mH$; when installed per installation Dwg. 214896; T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Model TTH200-R2H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; non-incendive (terminals "+" and "-") with Entity input parameters of: $V_{max}/U_i = 30V$, $I_{max}/I_i = 130mA$, $P_{max}/P_i = 0.8 W$, $C_i = 5 nF$, $L_i = 0.5 mH$; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: $V_{oc}/U_o = 6.5V$, $I_{sc}/I_o = 25 mA$, $P_o = 38 mW$, $C_a/C_o = 1.55 \mu F$, $L_a/L_o = 5.0 mH$; and having output terminals (terminals JP1) with entity output parameters of: $V_{oc}/U_o = 6.2 V$, $I_{sc}/I_o = 65.2 mA$, $P_o = 101 mW$, $C_a/C_o = 1.4 \mu F$, $L_a/L_o = 5.0 mH$; when installed per installation Dwg. TTH200-R2H(2); T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Model TTR300-R6H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; non-incendive (terminals "+" and "-") with Entity input parameters of: $V_{max}/U_i = 30V$, $I_{max}/I_i = 130mA$, $P_{max}/P_i = 0.8 W$, $C_i = 5 nF$, $L_i = 0.5$



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mH; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: Voc/Uo = 6.5V, Isc/Io = 25 mA, Po = 38 mW, Ca/Co = 1.55 μ F, La/Lo = 5.0 mH; and having output terminals (terminals JP1) with entity output parameters of: Voc/Uo = 6.2 V, Isc/Io = 65.2 mA, Po = 101 mW, Ca/Co = 1.3 μ F, La/Lo = 5.0 mH; when installed per installation Dwg. TTR300-R6H(N.I.); T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Model TTR200-R6H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; non-incendive (terminals "+" and "-") with Entity input parameters of: Vmax/Ui = 30V, Imax/Ii = 130mA, Pmax/Pi = 0.8 W, Ci = 5 nF, Li = 0.5 mH; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: Voc/Uo = 6.5V, Isc/Io = 25 mA, Po = 38 mW, Ca/Co = 1.55 μ F, La/Lo = 5.0 mH; and having output terminals (terminals JP1) with entity output parameters of: Voc/Uo = 6.2 V, Isc/Io = 65.2 mA, Po = 101 mW, Ca/Co = 1.3 μ F, La/Lo = 5.0 mH; when installed per installation Dwg. TTR200-R6H(N.I.); T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Note: Models TTH300, TTH200, TTR300 and TTR200 are open type units, Certified as a component for use only in other equipment where the suitability of the combination is to be determined by the authority having jurisdiction.

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Class I, Div. 1 & 2, Groups A, B, C and D; Class II, Div. 1 & 2, Groups E, F and G; Class III, Div. 1 & 2; Type 4X:

Ex ia IIC T4:

Model TTF300-R1xxH Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; intrinsically safe (terminals "+" and "-") with Entity input parameters of: Vmax/Ui = 30V, Imax/Ii = 130mA, Pmax/Pi = 0.8 W, Ci = 5 nF, Li = 0.5 mH; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: Voc/Uo = 6.5V, Isc/Io = 25 mA, Po = 38 mW, Ca/Co = 1.55 μ F, La/Lo = 5.0 mH; and having output terminals (terminals JP1) with entity output parameters of: Voc/Uo = 6.2 V, Isc/Io = 65.2 mA, Po = 101 mW, Ca/Co = 1.4 μ F, La/Lo = 5.0 mH; when installed per installation Dwg. 214825; T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Class I, Div. 1 & 2, Groups A, B, C and D:

Ex ia IIC T4:

Model TTH300-R1H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; intrinsically safe (terminals "+" and "-") with Entity input parameters of: Vmax/Ui = 30V, Imax/Ii = 130mA, Pmax/Pi = 0.8 W, Ci = 5 nF, Li = 0.5 mH; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: Voc/Uo = 6.5V, Isc/Io = 25 mA, Po = 38 mW, Ca/Co = 1.55 μ F, La/Lo = 5.0 mH; and having output terminals (terminals JP1) with entity output parameters of: Voc/Uo = 6.2 V, Isc/Io = 65.2 mA, Po = 101 mW, Ca/Co = 1.4 μ F, La/Lo = 5.0 mH; when installed per installation Dwg. 214826; T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Model TTH200-R1H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; intrinsically safe (terminals "+" and "-") with Entity input parameters of: Vmax/Ui = 30V, Imax/Ii = 130mA, Pmax/Pi = 0.8 W, Ci = 5 nF, Li = 0.5



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mH; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: Voc/Uo = 6.5V, Isc/Io = 25 mA, Po = 38 mW, Ca/Co = 1.55 μ F, La/Lo = 5.0 mH; and having output terminals (terminals JP1) with entity output parameters of: Voc/Uo = 6.2 V, Isc/Io = 65.2 mA, Po = 101 mW, Ca/Co = 1.4 μ F, La/Lo = 5.0 mH; when installed per installation Dwg. TTH200-R1H; T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Model TTR300-R6H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; intrinsically safe (terminals "+" and "-") with Entity input parameters of: Vmax/Ui = 30V, Imax/Ii = 130mA, Pmax/Pi = 0.8 W, Ci = 5 nF, Li = 0.5 mH; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: Voc/Uo = 6.5V, Isc/Io = 25 mA, Po = 38 mW, Ca/Co = 1.55 μ F, La/Lo = 5.0 mH; and having output terminals (terminals JP1) with entity output parameters of: Voc/Uo = 6.2 V, Isc/Io = 65.2 mA, Po = 101 mW, Ca/Co = 1.3 μ F, La/Lo = 5.0 mH; when installed per installation Dwg. TTR300-R6H(I.S.); T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Model TTR200-R6H Series Temperature Transmitters; input rated 11-30 Vdc, 4-20 mA; intrinsically safe (terminals "+" and "-") with Entity input parameters of: Vmax/Ui = 30V, Imax/Ii = 130mA, Pmax/Pi = 0.8 W, Ci = 5 nF, Li = 0.5 mH; having output terminals (terminals 1-2-3-4-5-6) with entity output parameters of: Voc/Uo = 6.5V, Isc/Io = 25 mA, Po = 38 mW, Ca/Co = 1.55 μ F, La/Lo = 5.0 mH; and having output terminals (terminals JP1) with entity output parameters of: Voc/Uo = 6.2 V, Isc/Io = 65.2 mA, Po = 101 mW, Ca/Co = 1.3 μ F, La/Lo = 5.0 mH; when installed per installation Dwg. TTR200-R6H(I.S.); T-Code T4 @ Max Ambient 85 Deg C; T-Code T5 @ Max Ambient 71 Deg C; T-Code T6 @ Max Ambient 56 Deg C.

Note: Model TTH300, TTH200, TTR300 and TTR200 are open type units, Certified as a component for use only in other equipment where the suitability of the combination is to be determined by the authority having jurisdiction.

NOMENCLATURE

Model TTH200-RaHb

a = Protection; 1 (Intrinsically Safe), 2 (Non-Incendive)

b = Configuration; BF, EM, SE, Z9

Model TTH300-RaHb

a = Protection; 1 (Intrinsically Safe), 2 (Non-Incendive)

b = Configuration; BF, BG, CS, EM, SE, Z9

Model TTF300-RabcHd



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a = Protection; 1 (Intrinsically Safe), 2 (Non-Incendive), 3 (Explosion-Proof)

b = Housing/Display A, B, C, D

c = Cable Entry 1*, 2, 3, 4*

d = Configuration; BF, BG, CS, EM, K2, SE, T1, Z9

Model TTR200-R6Ha

a = Configuration; BF,EM,SE,Z9

Model TTR300-R6Ha

a = Configuration; BF,BG,CS,EM,SE,Z9

Note: * Not allowed for the Div. 1 or Div. 2 installations under CLASS 2258 02

APPLICABLE REQUIREMENTS

C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CAN/CSA-C22.2 No. 0-M91 - General Requirements – Canadian Electrical Code, Part II

CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

C22.2 No. 142-M1987 - Process Control Equipment

CAN/CSA-C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CAN/CSA-C22.2 No. 60079-0:07 - Electrical apparatus for explosive gas atmospheres - Part 0: General Requirements

CAN/CSA-E60079-11:02 - Electrical apparatus for explosive gas atmospheres -Part 11: Intrinsic Safety "i"



Supplement to Certificate of Compliance

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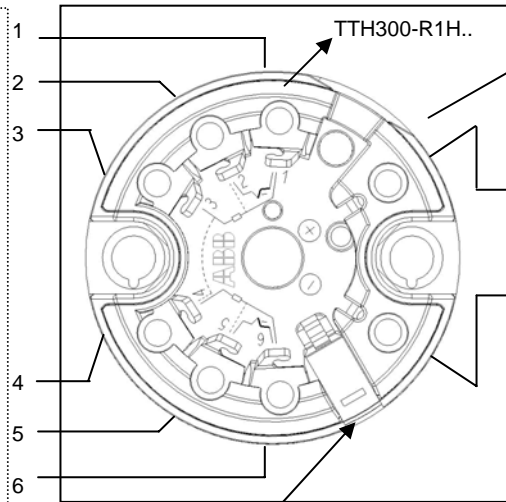
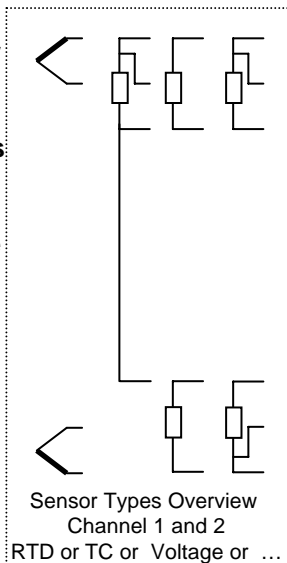
The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
1948816	2007/12/11	Update to include models TTH200, TTR200 and TTR300 & to include suffix "H" in all model codes.
1885873	2007/03/14	Update to cover circuitry revisions and alternative potting material.
1807522	2006/09/28	Model TTF 300 and TTH 300 Series Temperature Transmitters for Hazardous Locations.

Hazardous Location

Sensors must be CSA approved or be a simple apparatus. Simple apparatus is a device which will neither generate or store more than 1.5 V; 0.1 A; 25 mW or 20 µJ such as switches; RTD's, TC or LED's



AGLF, AGSF,
AGLFD, AGSFD
Enclosure Type 4X

Apparatus input values.

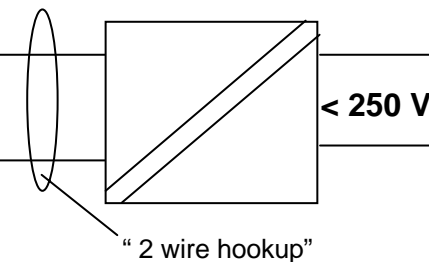
Intrinsic Safe
 $U_i / V_{max} \leq 30,0V$ DC;
 $I_i / I_{max} \leq 130mA$, $P_i \leq 0,8 W$,
 $C_i = 5nF$; $L_i = 0,5mH$

HMI / Display – Interface

(Protection Cover, open with screw before connect !)

Non – Hazardous Location

Barrier
Galvanic Isolator



I.S. Sensor Field Circuit Parameters

$V_{oc}/U_o = 6.5 V$; $I_{sc}/I_o < 25.0 mA$; $P_o = 38 mW$
 Tem. Ident. T6 at $T_{amb} = 56 ^\circ C$; T5 at $T_{amb} = 71 ^\circ C$
 T4 at $T_{amb} = 85 ^\circ C$;
 Class I Div 1 and Div 2; ; Groups: A,B,C,D Class II
 Group E,F,G and Class III or Class I Zone 0 Ex ia IIC
 Terminals: 1,2,3,4,5,6
 GP A,B $C_a/C_o = 1.55 \mu F$; $L_a/L_o = 5.0 mH$
 C,D $C_a/C_o = 8.75 \mu F$; $L_a/L_o = 5.0 mH$
 Temperature Transmitter Model “TTF300” Ordering
 Code “TTF300-R1..H” is an Temperature Transmitter
 Type TTH300-R1H, which is installed in an
 enclosure type AGLF, AGSF or AGLFD, AGSFD
 w / wo CSA Approved display type HMI.

A dust tight seal must be used at the conduit entry when the transmitter is used in a Class II & III location.

HMI / Display Interface Circuit I.S. Output Parameters

$V_{oc}/U_o = 6.2 V$; $I_{sc}/I_o < 65.2 mA$;
 $P_o = 101 mW$
 Class I Div 1 and Div 2; ; Groups: A,B,C,D
 or Class I Zone 0 Ex ia IIC
 Terminals: 6 PIN Connector
 GP: A,B; $C_a/C_o = 1.4 \mu F$; $L_a/L_o = 5.0 mH$
 C,D; $C_a/C_o = 8.9 \mu F$; $L_a/L_o = 5.0 mH$

Associated Apparatus

- Barrier or Galvanic Isolator must be CSA approved and must be installed in accordance with manufactures instructions.
 - Barrier or Galvanic Isolator parameters must meet the following Requirements : $V_{oc} / U_o \leq V_{max}$;
 $I_{sc} / I_o \leq I_{max}$;
 $P_o \leq P_{max}/P_i$
 $C_a/C_o \geq C_i + C_{cable}$
 $L_a/L_o \geq L_i + L_{cable}$
- Maximum non hazardous area voltage must not exceed 250V.
 - Install in accordance with the CEC, Part 1.

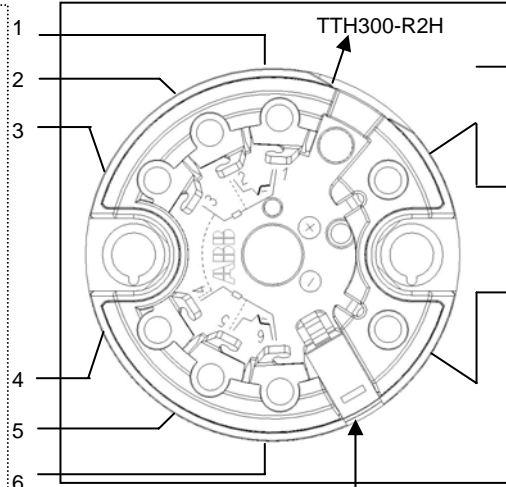
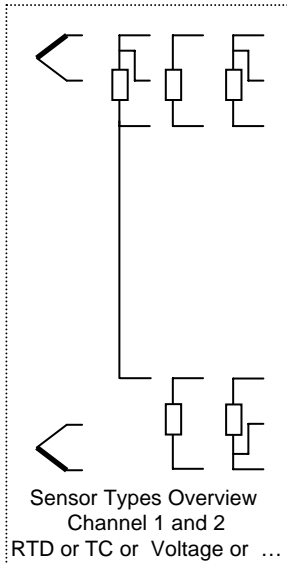
1.06	CSA info	19.11.07	Zeiger			
1.05	HART	17.07.07	Zeiger			
1.04	L1 in R1	25.09.06	Zeiger	Approv.	19.11.07	Müller
1.03	5 nF	16.08.09	Zeiger		Date	Name
1.02	CSA input	08.08.06	Zeiger	ABB Automation Products		
1.01	CSA input	10.07.06	Zeiger			
1.00	Release	23.05.06	Zeiger			
Rev.	Desc.	Date	Name			

Title:	TTF300 HART I.S. Temperature Transmitter Control Drawing	Scale:	-----
Drawing / Part No.:	SAP_214825	Page : of	1 / 1
Replacement of:	-----		

Division 2 Hazardous Location

Non – Hazardous Location

Sensors must be a simple apparatus. RTD's, TC or LED's



AGLF, AGSF,
AGLFD, AGSFD
Enclosure Type 4X

Apparatus Input Values
N.I. V max ≤ 30.0 V ;
I max ≤ 130 mA ; Pi ≤ 0,8W
Ci = 5nF; Li = 0,5mH

Associated Apparatus < 250 V

“ 2 wire hookup – Nonincendive Field Circuit ”

HMI / Display – Interface
(Protection Cover, open with screw before connect !)

HMI / Display Interface
Non-incendive Output Parameters

Voc = 6.2 V; Isc < 65.2 mA; Po = 101 mW
Terminals: 6 PIN Connector
GP A,B Ca/Co = 1.4 µF; La/Lo = 5.0 mH
C,D Ca/Co = 8.9 µF; La/Lo = 5.0 mH

Associated Apparatus
Nonincendive Parameters must meet the following Requirements :
Voc ≤ Vmax; Ca/Co ≥ Ci + Ccable;
Isc ≤ I max; La/Lo ≥ Li + Lcable

Sensor Field Circuit Nonincendive Parameters

Voc = 6.5 V; Isc < 25.0 mA; Po = 38 mW
Temp. Ident T6 at Tamb = 56 °C; T5 at Tamb = 71°C
T4 at Tamb = 85 °C; CLASS I DIV 2;
Groups:A,B,C,D or CLASS I Zone 2 Group IIC T6
Terminals: 1,2,3,4,5,6
GP A,B Ca/Co = 1.55 µF; La/Lo = 5.0 mH
C,D Ca/Co = 8.75 µF; La/Lo = 5.0 mH

Temperature Transmitter Model “TTF300” Ordering Code “TTF300-R2..H” is an Temp. Transmitter Type TTH300-R2H which is installed in an enclosure type AGLF, AGSF or AGLFD, AGSFD w/wo CSA approved display HMI-Ex type A..

Attention: No Conduit Seal Required.

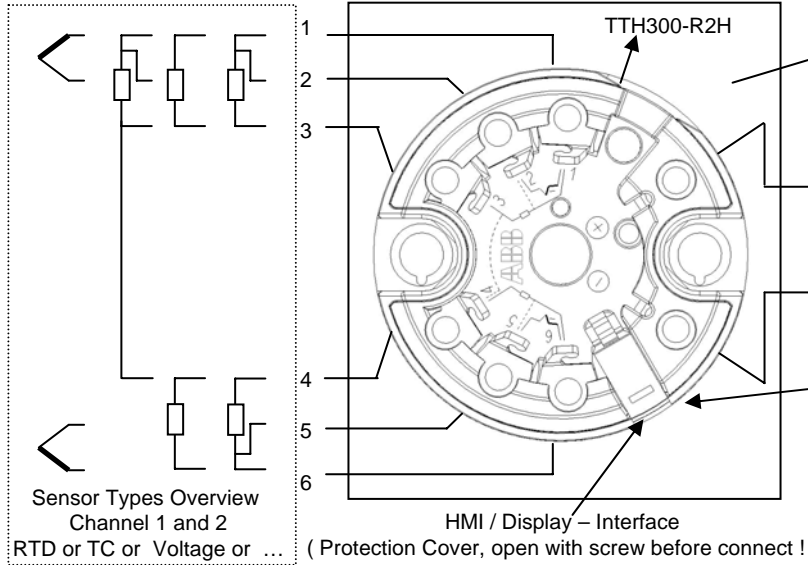
The Temperature Transmitter is CSA Certified as Non-Incendive for use in Class I, Div. 1 Groups A, B, C, D hazardous locations, with Entity input parameters, and provides Non-Incendive Circuits for Class I, Div. 1 Groups A, B, C, D hazardous locations, with Entity output parameters

				Title:			Scale:	
				TTF300 HART N. I. Temperature Transmitter Control Drawing			-----	
				Approv.	19.11.07	Müller		
					Date	Name		
1.03	CSA info	19.11.07	Zeiger	ABB Automation Products				
1.02	HART	17.07.07	Zeiger					
1.01	CSA input	25.09.06	Zeiger					
1.00	Release	10.08.06	Zeiger					
Rev.	Desc.	Date	Name					Drawing / Part No.:
				SAP_214895				Page : of
								1 / 1
								Replacement of: -----

Hazardous Location

Non – Hazardous Location

Sensor must be a simple apparatus
RTD`s, TC, LED`s



AGLF, AGSF, AGLFD, AGSFD Enclosure Type 4X

Electrical Rating 11 – 30V dc;
IEC 1158-2

HMI / Display Interface Circuit
Nonincendive output Parameters

Voc/Uo = 6.2 V; Isc/Io < 65.2 mA; Po = 101 mW

Terminals: 6 PIN Connector

GP A,B Ca/Co = 1.4 µF; La/Lo = 5.0 mH

C,D Ca/Co = 8.9 µF; La/Lo = 5.0 mH

2 wire hookup

Power Supply

< 250 V

Suitable for use in Class I, Div. 2 Groups A, B, C, D, Class II, Div.1 Group E,F,G; Class III without safety barriers(ie. conduit connected), and provides non-incendive circuits for Class I, Div. 2, Group A,B,C,D to RTD`s, Thermocouples for passiv-resistive non-energy-storing switch devices.
Temp. Ident T6 at Tamb = 56°C, T5 at Tamb =71°C, T4 at Tamb = 85°C

Temperature Transmitter Model "TTF300" Ordering Code "TTF300-R2..H" is an Temperature Transmitter type TTH300-R2H which is installed in an enclosure type AGLF, AGSF or AGLFD, AGSFD w/wo CSA approved display HMI-Ex type A.

1. Install per Canadian Electrical Code (CEC) using threaded metal conduit.
2. Warning: Explosion hazard, do not disconnect equipment unless power has been switched off, or the area is known to be non-hazardous.
Warning: Substitution of components may impair suitability for Class 1 Division 2.
3. A dust tight seal must be used at the conduit entry when the transmitter is used in a Class II & III location.

1.05	CSA info	19.11.07	Zeiger				Title: TTF300 HART N. I. Temperature Transmitter Control Drawing	Scale: -----
1.04	HART	17.07.07	Zeiger	Approv.	19.11.07	Müller		
1.03	L2 in R2	25.09.06	Zeiger		Date	Name		
1.02	CSA input	09.08.06	Zeiger				Drawing / Part No.:	Page : of 1 / 1
1.01	CSA input	06.07.06	Zeiger					
1.00	Release	23.05.06	Zeiger					
Rev.	Desc.	Date	Name				Replacement of: -----	