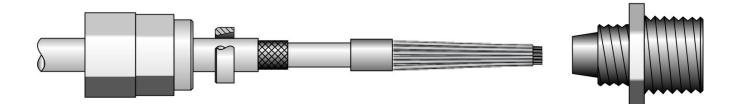
CSA-D-IS Installation Instructions, 9-Wire

Preparation





MICRO MOTION[®]

Safety and approval information

This Micro Motion product complies with all applicable European directives when properly installed in accordance with the instructions in this manual. Refer to the EU declaration of conformity for directives that apply to this product. The EU declaration of conformity, with all applicable European directives, and the complete ATEX Installation Drawings and Instructions are available on the internet at www.emerson.com or through your local Micro Motion support center.

Information affixed to equipment that complies with the Pressure Equipment Directive, can be found on the internet at www.emerson.com.

For hazardous installations in Europe, refer to standard EN 60079-14 if national standards do not apply.

Other information

Full product specifications can be found in the product data sheet. Troubleshooting information can be found in the configuration manual. Product data sheets and manuals are available from the Micro Motion web site at www.emerson.com.

Return policy

Follow Micro Motion procedures when returning equipment. These procedures ensure legal compliance with government transportation agencies and help provide a safe working environment for Micro Motion employees. Micro Motion will not accept your returned equipment if you fail to follow Micro Motion procedures.

Return procedures and forms are available on our web support site at www.emerson.com, or by phoning the Micro Motion Customer Service department.

Emerson Flow customer service

Email:

- Worldwide: flow.support@emerson.com
- Asia-Pacific: APflow.support@emerson.com

Telephone:

North and South America		Europe and Middle	East	Asia Pacific		
United States	800-522-6277	U.K.	0870 240 1978	Australia	800 158 727	
Canada	+1 303-527-5200	The Netherlands	+31 (0) 704 136 666	New Zealand	099 128 804	
Mexico	+41 (0) 41 7686 111	France	0800 917 901	India	800 440 1468	
Argentina	+54 11 4837 7000	Germany	0800 182 5347	Pakistan	888 550 2682	
Brazil	+55 15 3413 8000	Italy	8008 77334	China	+86 21 2892 9000	
		Central & Eastern	+41 (0) 41 7686 111	Japan	+81 3 5769 6803	
		Russia/CIS	+7 495 981 9811	South Korea	+82 2 3438 4600	
		Egypt	0800 000 0015	Singapore	+65 6 777 8211	
		Oman	800 70101	Thailand	001 800 441 6426	
		Qatar	431 0044	Malaysia	800 814 008	
		Kuwait	663 299 01			
		South Africa	800 991 390]		
		Saudi Arabia	800 844 9564]		
		UAE	800 0444 0684]		

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	13.3 Model 3500 transmitter to remote core processor to 9-wire junction box on CMF400 sensor
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	13.4 Model 3500 transmitter to remote mount core processor to 9-wire junction box on D600
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1 Planning the installation

1.1 About this document

This manual should be used for any Micro Motion flowmeter installation that require Canadian Standards Association (CSA) approval.

The information in this document assumes that users understand:

- Basic transmitter and sensor installation concepts and procedures
- All corporate, local government, and national government safety standards and requirements that guard against injuries and death

This manual provides only information associated with installation of transmitters through CSA-D-IS instructions. For complete information on flowmeter installation, see the documentation provided with your sensor and transmitter.

1.2 Hazardous area installations

If your cable will be installed in a hazardous area, ensure that it meets the hazardous area requirements.

Failure to maintain intrinsic safety in a hazardous area could result in an explosion.

To keep sensor wiring intrinsically safe:

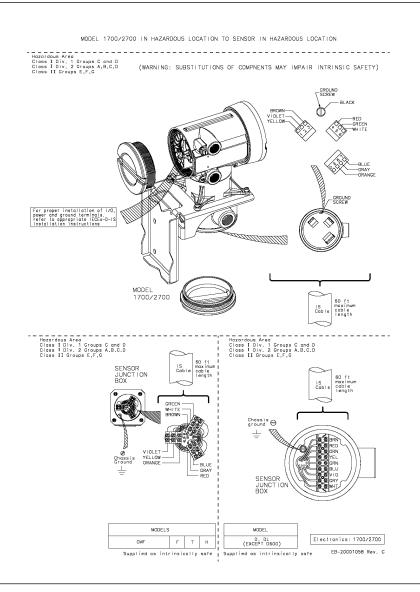
- Keep intrinsically safe (IS) sensor wiring separate from power supply wiring and output wiring.
- Do not install power cable in the same conduit or cable tray as flowmeter cable.
- Use this document with the appropriate approvals documentation. These manuals are shipped with the flowmeter or available on the Emerson web site: www.emerson.com.
- For hazardous area installations in Europe, refer to standard EN 60079-14 if national standards do not apply.

Model 1700/2700 9-wire installations

Table 2-1: List of Drawings for Model 1700/2700 9-wire installations

Drawing name	Location
EB-20001058, Revision, C	Model 1700/2700 transmitter with integrally-mounted processor to junction box on CMF, F, H, T, D, and DL sensors
EB-3600539, Revision C	Model 1700/2700 transmitter with integrally-mounted core processor to 9-wire junction box for CMF300A sensor
EB-3006199, Revision C	Model 1700/2700 transmitter with integrally-mounted core processor to 9-wire junction box on CMF400 sensor with booster amplifier
EB-10005117 Revision B	Model 1700/2700 transmitter with integrally-mounted core processor to junction box on D600 sensor
EB-3600538, Revision B	Model 1700/2700 transmitter with integrally-mounted core processor to 9-wire junction box on DT sensor
EB-20001060, Revision, BA	Model 1700/2700 transmitter installation to remote core processor to 9-wire junction box on CMF, F, T, D, and DL sensors
EB-3600675, Revision D	Model 1700/2700 transmitter to 9-wire remote core processor to CMF300A sensor
EB-3007061, Revision B	Model 1700/2700 transmitter to remote mount core processor to 9- wire junction box on CMF400 sensor with booster amplifier
EB-1005119 Revision B	Model 1700/2700 transmitter to remote core processor to 9-wire junction box on D600 sensor
EB-3600674, Revision C	Model 1700/2700 transmitter to remote core processor to 9-wire junction box on DT sensor

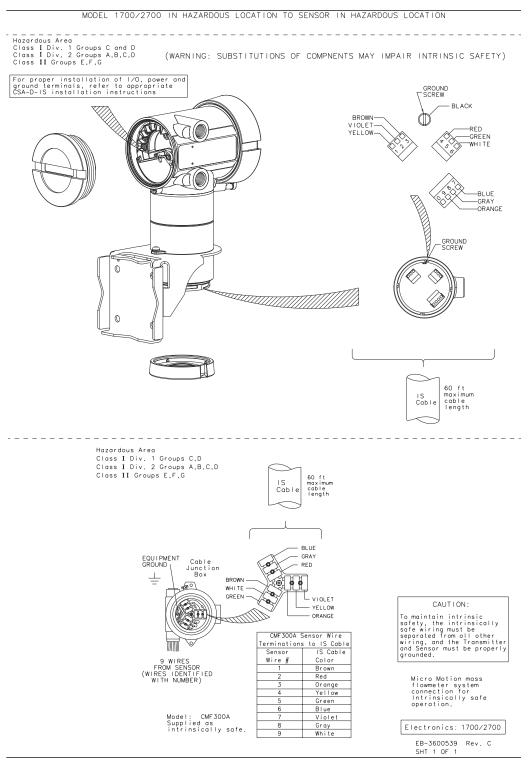
2.1 Model 1700/2700 transmitter with integrallymounted processor to junction box on CMF, F, H, T, D, and DL sensors



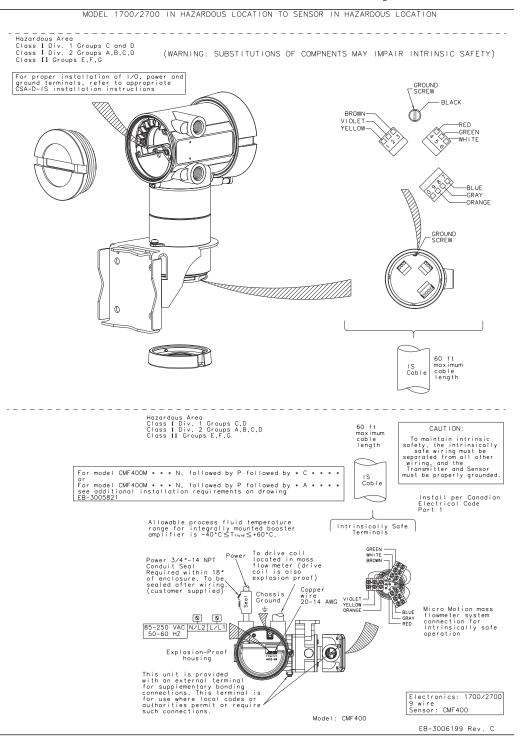
Note

This installation process does not apply to CMF400 sensors with a booster amplifier or to D600 sensors.

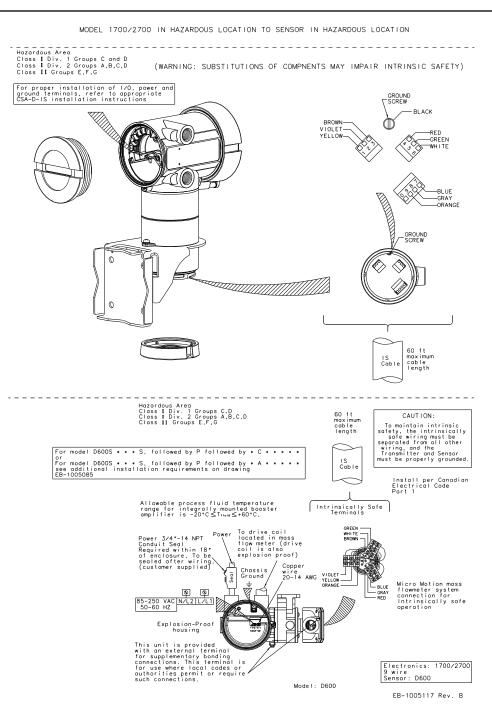
Model 1700/2700 transmitter with integrallymounted core processor to 9-wire junction box for CMF300A sensor



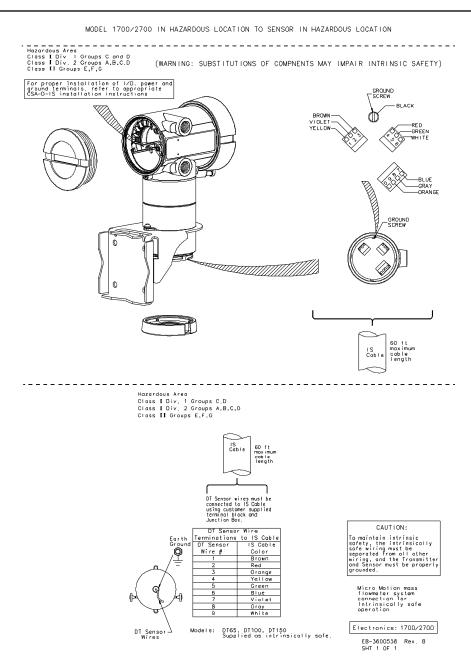
Model 1700/2700 transmitter with integrallymounted core processor to 9-wire junction box on CMF400 sensor with booster amplifier



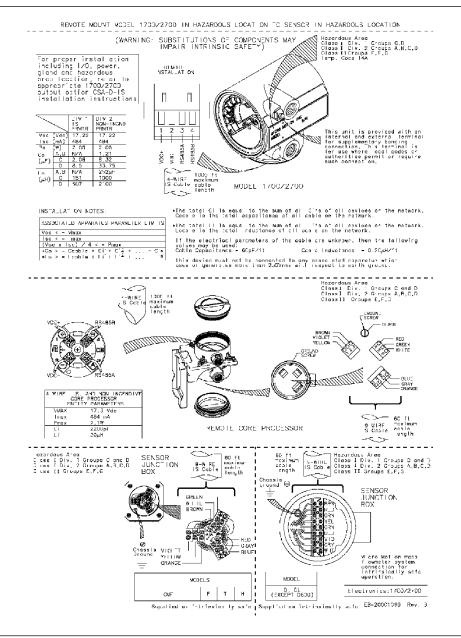
2.4 Model 1700/2700 transmitter with integrallymounted core processor to junction box on D600 sensor



2.5 Model 1700/2700 transmitter with integrallymounted core processor to 9-wire junction box on DT sensor



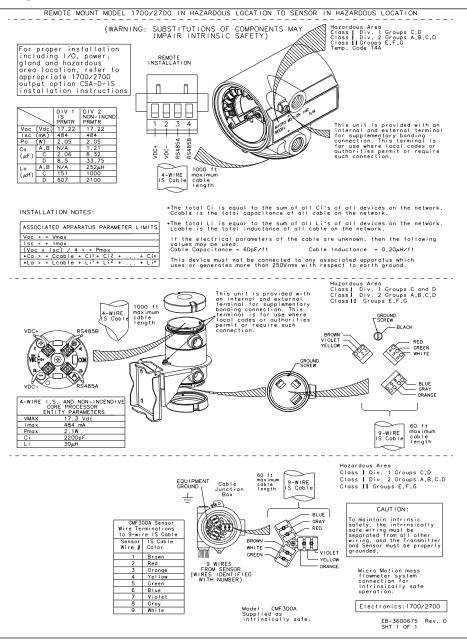
2.6 Model 1700/2700 transmitter installation to remote core processor to 9-wire junction box on CMF, F, T, D, and DL sensors



Note

This installation process does not apply to CMF400 sensors with a booster amplifier or to D600 sensors.

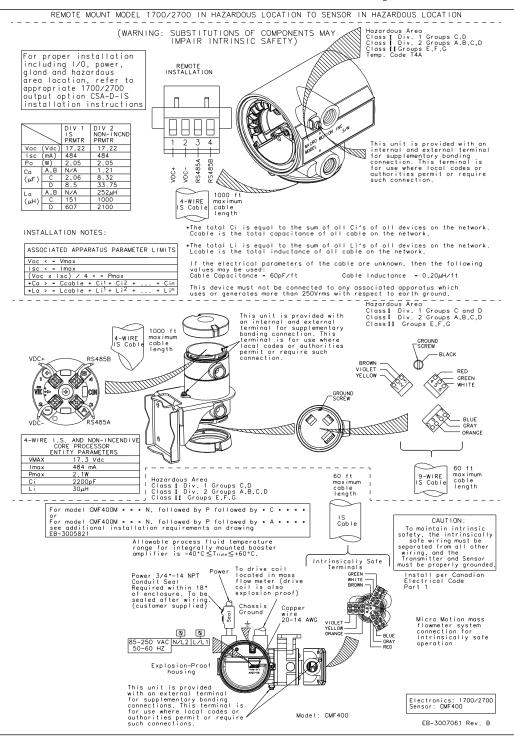
Model 1700/2700 transmitter to 9-wire remote core processor to CMF300A sensor



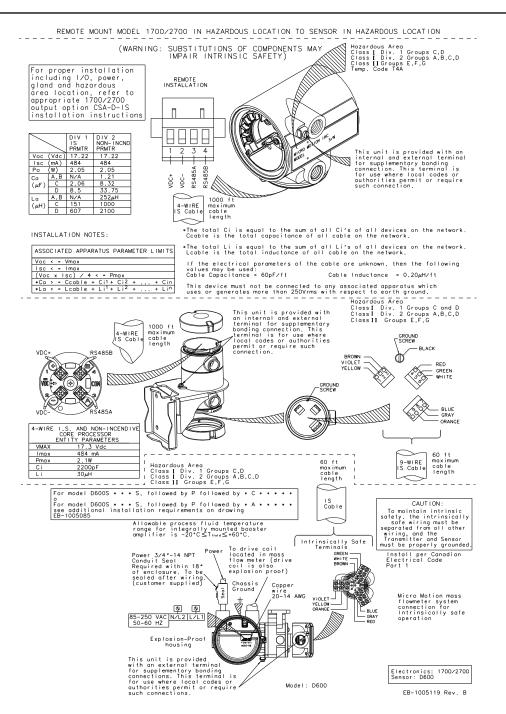
Note

This installation process does not apply to CMF400 sensors with a booster amplifier or to D600 sensors.

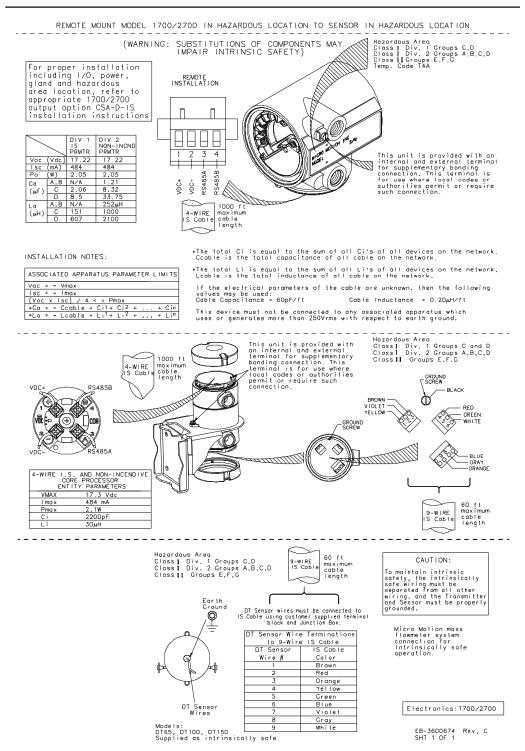
Model 1700/2700 transmitter to remote mount core processor to 9-wire junction box on CMF400 sensor with booster amplifier



Model 1700/2700 transmitter to remote core processor to 9-wire junction box on D600 sensor



Model 1700/2700 transmitter to remote core processor to 9-wire junction box on DT sensor

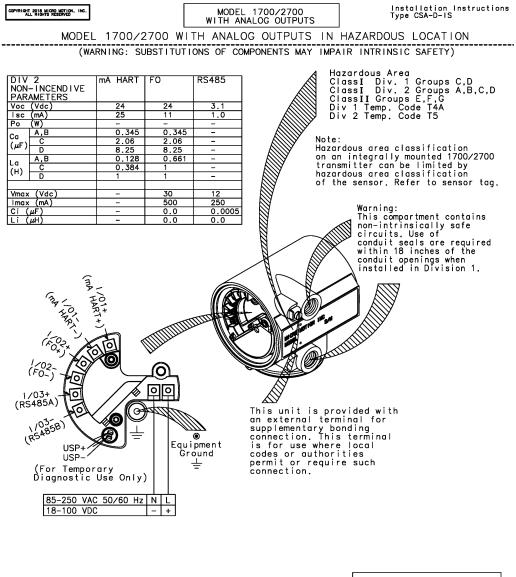


Transmitter output installation

Table 3-1: List of Drawings for Transmitter output installations

Drawing name	Location
EB-3600479, Revision CA	Transmitter output installation: Analog outputs for Model 1700/2700 transmitters
EB-3600629, Revision D	Transmitter output installation Model 1700/2700 with Intrinsically Safe installation
EB-3600667, Revision B	Transmitter output installation: Model 2700 with configurable inputs and outputs
EB-3600476, Revision DA	Transmitter output installation Model 1700/2700 with Fieldbus
EB-3600473, Revision DA	Transmitter output installation: Profibus-PA outputs for Model 1700/2700 Transmitters

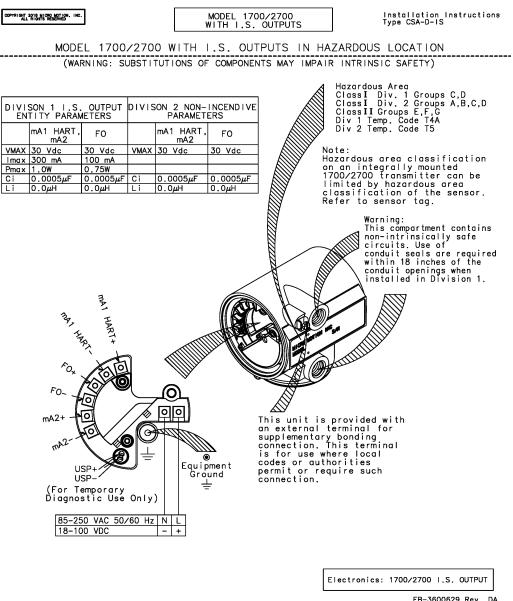
Transmitter output installation: Analog outputs for Model 1700/2700 transmitters



Electronics: 1700/2700 ANALOG

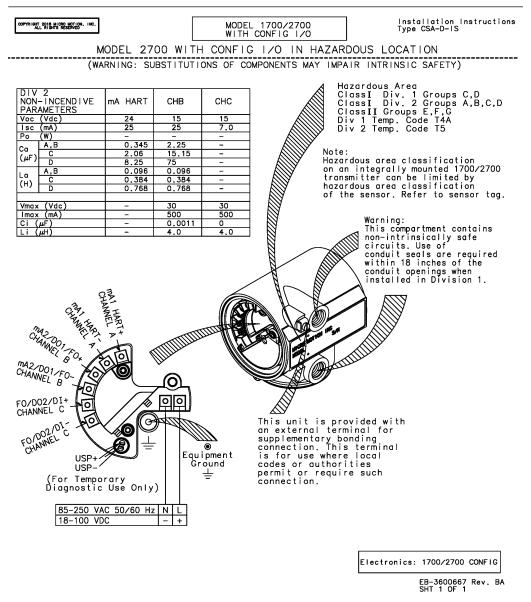
EB-3600479 Rev. CA SHT 1 OF 1

3.2 Transmitter output installation Model 1700/2700 with Intrinsically Safe installation

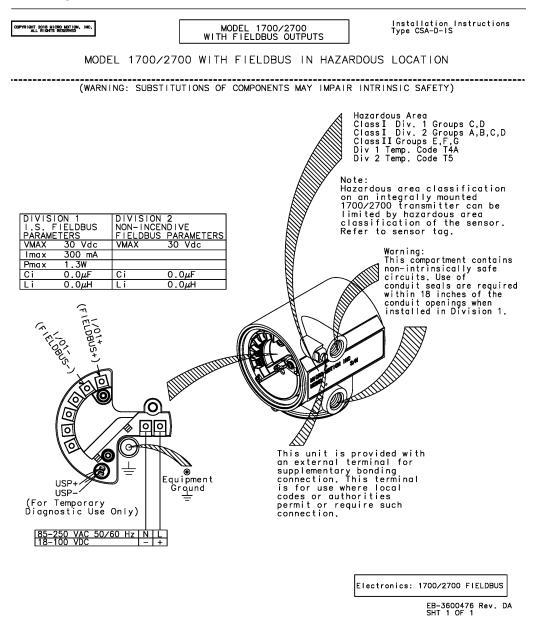


EB-3600629 Rev. DA SHT 1 OF 1

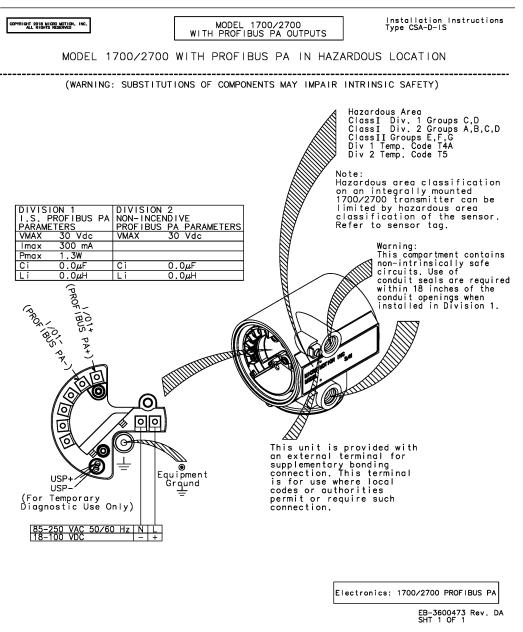
3.3 Transmitter output installation: Model 2700 with configurable inputs and outputs



3.4 Transmitter output installation Model 1700/2700 with Fieldbus



3.5 Transmitter output installation: Profibus-PA outputs for Model 1700/2700 Transmitters



Model 3300 nonincendive parameters

Hazardous Area Class I Div. 2 Groups A,B,C,D

INPUT / OUTPUT	Voc	l sc		Co Lo		V _{ma x}	V _{max} I _{max}		L;			
Terminal number-			A,B	С	D	A,B	С	D				
4-20 mA HART Terminals c2 & a2	29 V	25 mA	25 nF	251 nF	783 nF	1 mH	6 mH	12 mH				
4-20 mA Termínais c4 & a4	29 V	25 mA	25 nF	251 nF	783 nF	1 mH	6 mH	12 mH				
_r_r→0 Termínals c6 & a6	5 V	6 mA	11 μF	174 μF	3000 µF	fн	1 H	1 н	30 V	1.5 mA	0 F	ОН
Dìscrete 1 —⊷0 Termìnais c8 & a8	5 V	1 mA	11 μF	174 μF	3000 μF	ŤН	1 H	1 H	30 V	0.6 mA	0 F	0 н
Discrete 2 — • Terminols c10 & o10	5 V	1 mA	11 μF	174 μF	3000 μF	ТН	1 H	1 H	30 V	0.6 mA	0 F	ОН
0⊷ Terminals c12 & a12	24 V	16 m.A	0.12 μF	0.93 μF	3.35 μF	100 mH	500 mH	1 H	30 V	500 mA	0 F	ОН
Discrete 1 0 - Terminals c14 & a14	24 V	7.4 mA	0.11 μF	0.92 μF	3.34 µF	500 mH	1 H	1 н	30 V	500 mA	0.01 µF	0 н
Discrete 2 0 Terminals c16 & c16	24 V	7.4 mA	0.11 µF	0.92 µF	3.34 μF	500 mH	1 H	1 H	30 V	500 mA	0.01 µF	ΟН
Díscrete 3 G+ Terminols c18 & o18	24 V	7.4 mA	0.11 μF	0.92 µF	3.34 μF	500 mH	1 н	1 н	30 V	500 mA	0.01 µF	0 Н
RS485 A/B Terminals c32 & o32	5 V	1 mA	11 μF	174 μF	3000 µF	fн	1 H	1 H	5 V	250 mA	O F	ОН
Ø ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	8-30 VDC			Ø	Wer		Disc Disc Disc Disc	20 mA HAR 4-20 m -nr. → reite 1 → reite 2 → reite 2 → reite 3 ↔ Com	I + 2 A + 4 O + 6 O + 8 O + 10 - + 12 - + 14 - + 16	a 4-20 m 4-20 m Jiscre Discre Discre Discre Discre Comm (Comm (A = - b = - b = 1 0 b = 2 - 0 b = 1 - 0 b = 2 - 0	

Division 2 nonincendive Parameters

EB-3300193 Rev. E

Model 3350 nonincendive parameters

Hazardous Area Class 1 Dív. 2 Groups A,B,C,D Class 11 Groups F,G

INPUT / OUTPUT						-			-			
	Voc	sc		C a			La		V _{max}	l ma x	¢;	L į
Terminal numbers 4-20 mA HART			Α,Β	с	D	A,B	с	D				
Terminols 1 & 2	29 V	25 mA	25 nF	251 nF	783 nF	1 mH	6 mH	12 mH				
4-20 mA Terminals 3 & 4	29 V	25 mA	25 nF	251 nF	783 nF	1 mH	6 mH	12 mH				
 Terminols 5 & 6	5 V	6 mA	11 μF	174 μF	3000 µF	1 н	<u>т</u> н	1 н	30 V	1.5 mA	0 F	ОН
Discrete 1 ——•0 Terminols 5 & 7	5 V	1 mA	11 μF	174 μF	3000 µF	1 H	ŤН	1 H	30 V	0.6 mA	0 F	ОН
Discrete 2 —⊷o Termínols 5 & 8	5 V	1 mA	11 μF	174 μF	3000 µF	1 н	ŤН	1 H	30 V	0.6 mA	0 F	ОН
0 Terminois 19 & 20	24 V	16 mA	0.12 µF	0.93 µF	3.35 μF	100 mH	500 mH	1 H	30 V	500 mA	0 F	ОН
Discrete 1 0 Terminols 18 & 20	24 V	7.4 mA	0.11 µF	0.92 µF	3.34 μF	500 mH	1 H	1 H	30 V	500 mA	0.01 µF	ОН
Discrete 2 0 ← Terminols 17 & 20	24 V	7.4 mA	0.11 µF	0.92 µF	3.34 μF	500 mH	fн	1 H	30 V	500 mA	0.01 µF	он
Discrete 3 💁 Terminals 16 & 20	24 V	7.4 mA	0.11 µF	0.92 µF	3.34 μF	500 mH	fн	1 H	30 V	500 mA	0.01 µF	ОН
R5485 A/B Terminals 11 & 12	5 V	Am 1	11 μF	174 µF	3000 µF	1 H	fн	1 H	5 V	250 mA	0 F	он
Non-Intrinsically Safe Terminals (color: grey) 10011 20012 30013 30013 30013 50015 50015 50015 50015 50015 50015 50015 50015 50015 50015 50015 50015 50015 50015 500005 500000000												
	Grour) 0 0 0 0 0 0	Term color 12 30 40 50 60 70 80 60 70 80 60 70 80 80 80 80 80 80 80 80 80 8	inals gre 11 12 13 14 15 16 17 18 19 19	í .	e	

Division	2	nonincendive	Parameters
	~	nonincendive	Furumeters

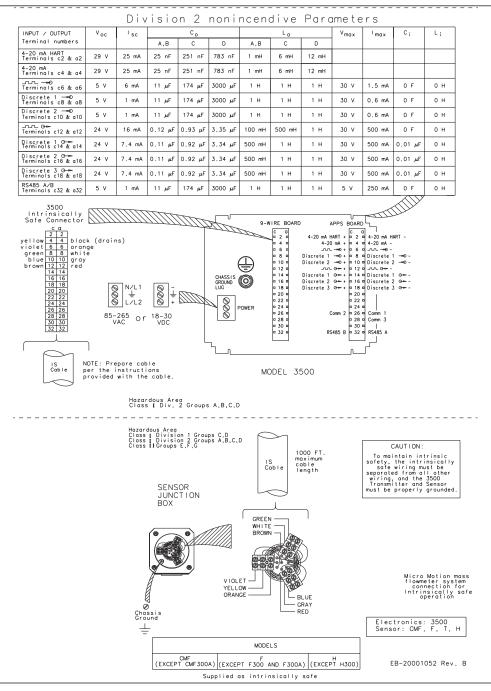
EB-3300818 Rev. B

Model 3500 transmitter 9-wire installation instructions

Table 6-1: List of Drawings for Transmitter Models 3500 9-wire installations

Drawing name	Location
EB-20001052, Revision B	Model 3500 transmitter to 9-wire sensor junction box for CMF, F, H, and T sensors
EB-3002934, Revision F	Model 3500 transmitter to 9-wire sensor junction box for CMF300A sensor
EB-3005816, RevisionC	Model 3500 transmitter to sensor junction box for CMF400 sensor with booster amplifier
EB-330555, RevisionD	Model 3500 transmiter to sensor junction box for D and DL sensors
EB-1005081, Revision A	Model 3500 transmitter to 9-wire sensor junction box for D600 sensor
EB-3300556, Revision C	Model 3500 transmitter to 9-wire sensor junction box for DT sensor

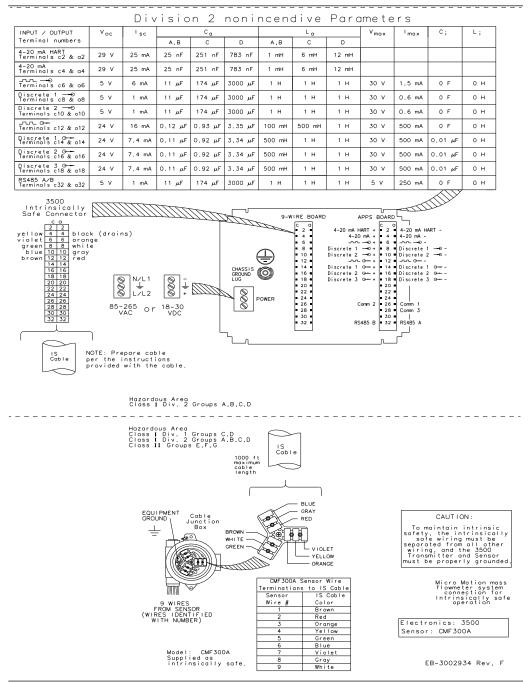
Model 3500 transmitter to 9-wire sensor junction box for CMF, F, H, and T sensors



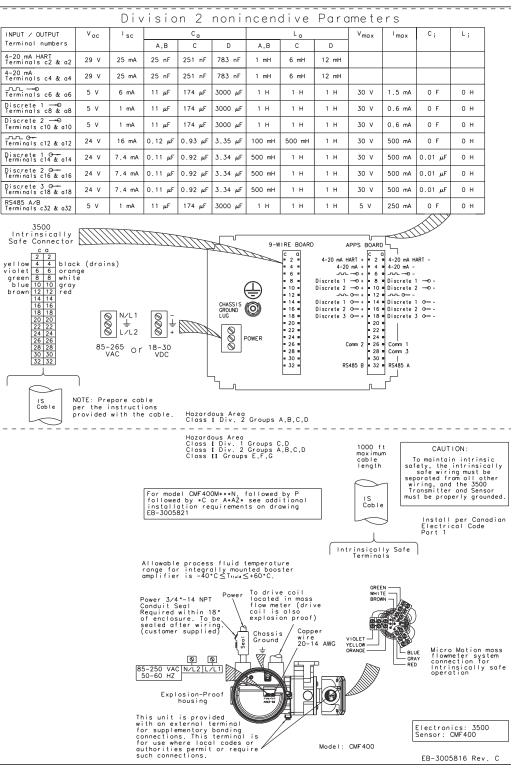
Note

This installation is not supported for the CMF300A sensor or the CMF400 sensor with booster amplifier.

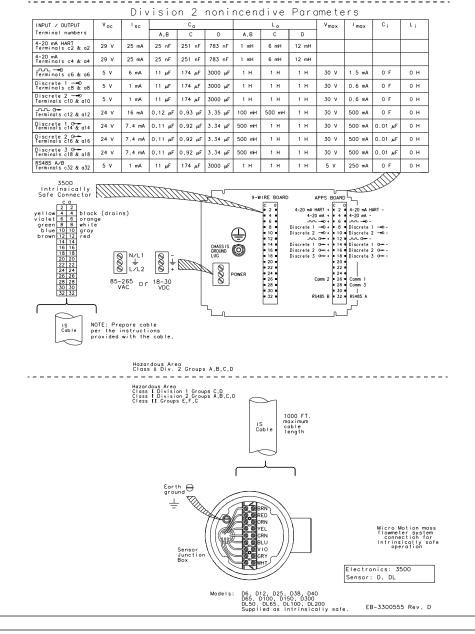
Model 3500 transmitter to 9-wire sensor junction box for CMF300A sensor



Model 3500 transmitter to sensor junction box for CMF400 sensor with booster amplifier



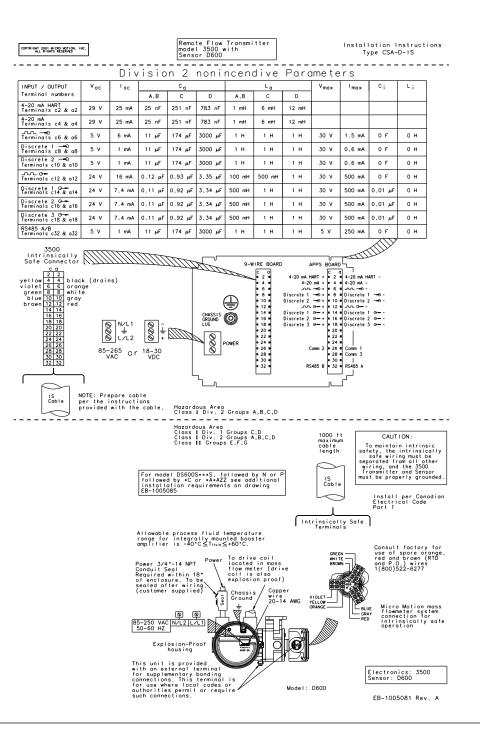
6.4 Model 3500 transmiter to sensor junction box for D and DL sensors



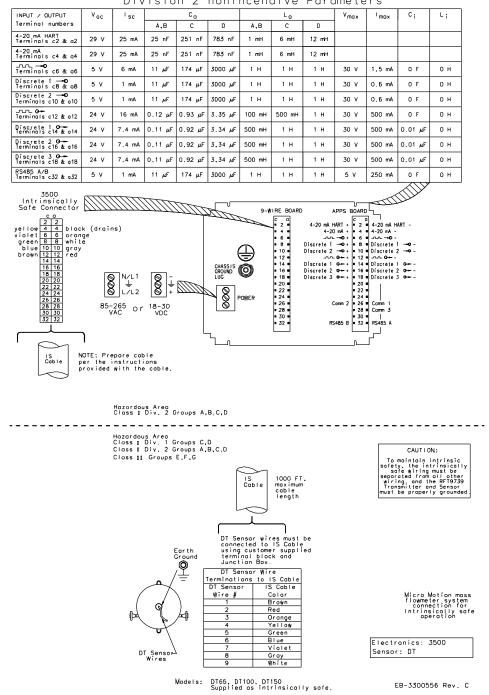
Note

This installation is not supported for either the D600 sensor or the DT sensor.

6.5 Model 3500 transmitter to 9-wire sensor junction box for D600 sensor



Model 3500 transmitter to 9-wire sensor junction box for DT sensor



Division 2 nonincendive Parameters

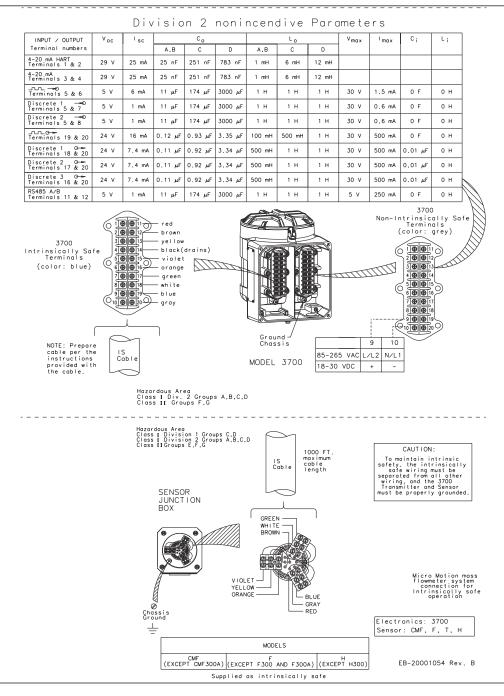
7

Model 3700 9-wire installation instructions

Table 7-1: List of Drawings for Transmitter Models 3700 9-wire installations

Drawing name	Location
EB-20001054, Revision B	Model 3700 transmitter to sensor junction box for CMF, F, H, and T sensors
EB-3002936, Revision F	Model 3700 transmitter to sensor junction box for CMF300A sensor
EB-3005817, Revision BA	Model 3700 transmitter to 9-wire sensor junction box for CMF400 sensor with booster amplifier
EB-3300573, Revision D	Model 3700 transmitter to 9-wire sensor junction box for D and DL sensors
EB-1005082, Revision A	Model 3700 transmitter to 9-wire sensor junction box for D600 sensor
EB-3300575, Revision C	Model 3700 transmitter to 9-wire sensor junction box for DT sensors

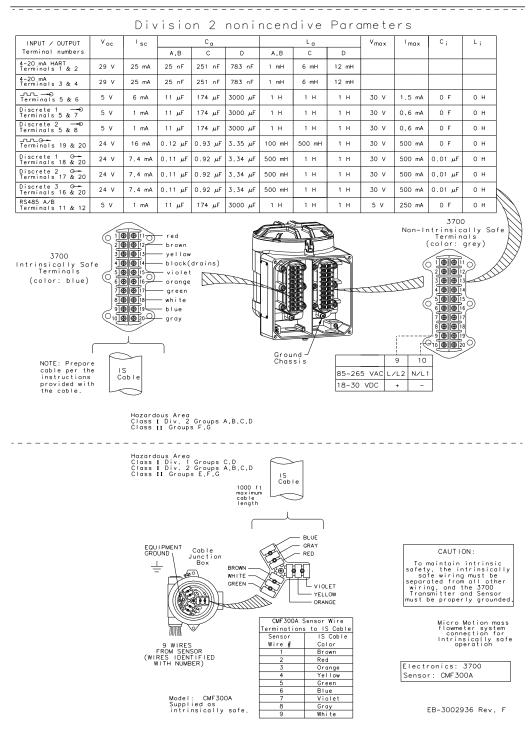
Model 3700 transmitter to sensor junction box for CMF, F, H, and T sensors



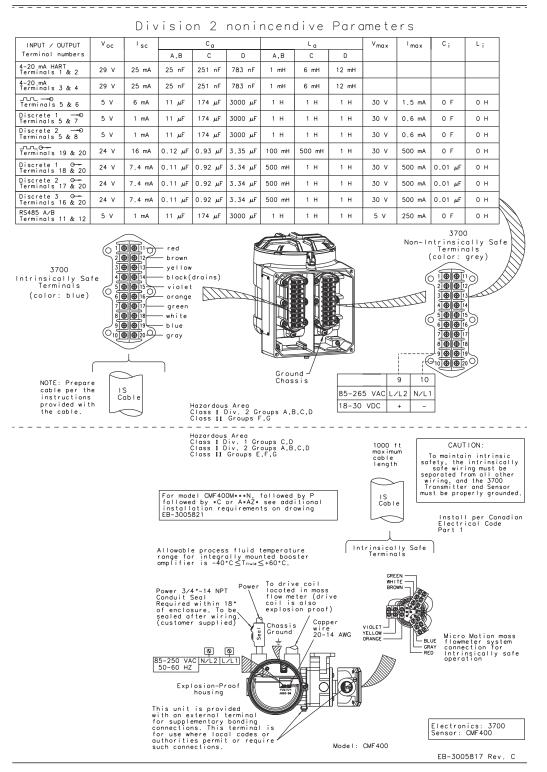
Note

These installation instructions do not apply to either the CMF300A sensor or the CMF400 sensor with booster amplifier.

Model 3700 transmitter to sensor junction box for CMF300A sensor

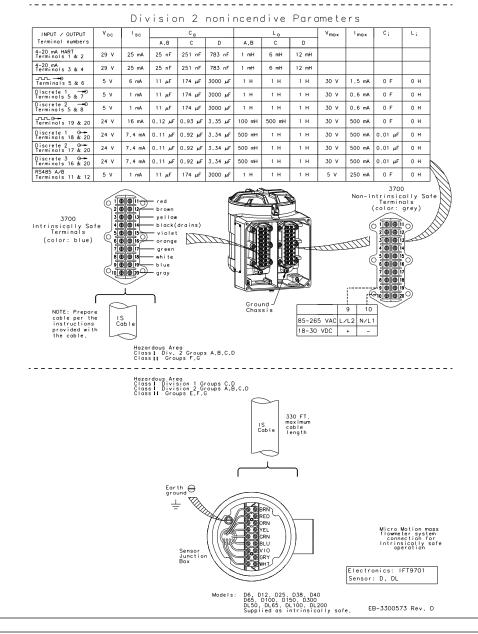


Model 3700 transmitter to 9-wire sensor junction box for CMF400 sensor with booster amplifier



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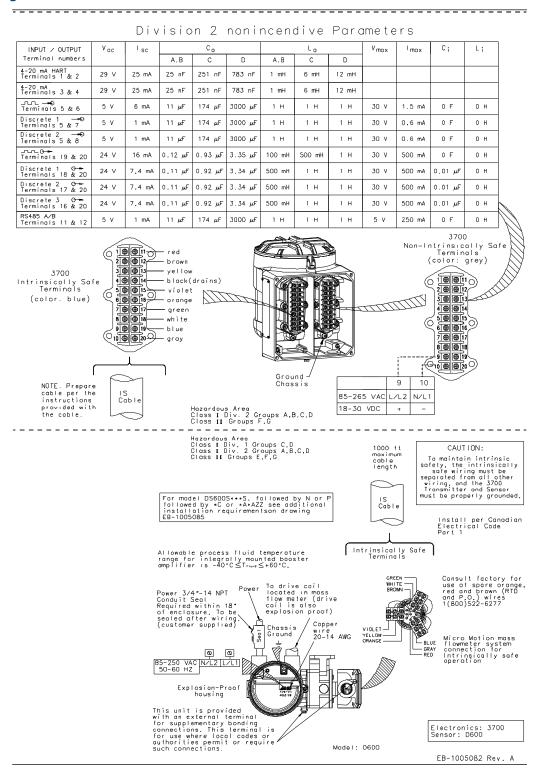
7.4 Model 3700 transmitter to 9-wire sensor junction box for D and DL sensors



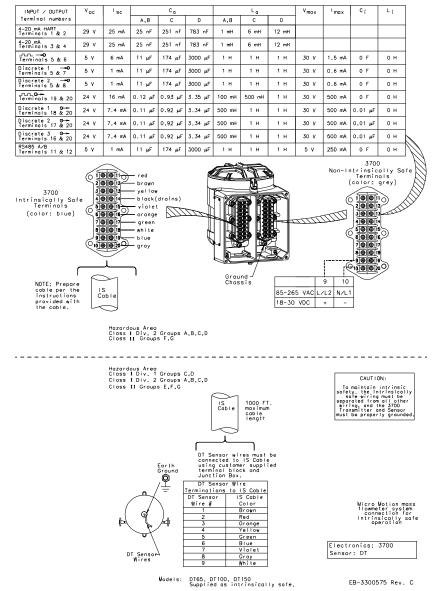


These instructions do not apply to either the D600 sensor or the DT sensor.

Model 3700 transmitter to 9-wire sensor junction box for D600 sensor



Model 3700 transmitter to 9-wire sensor junction box for DT sensors



Division 2 nonincendive Parameters

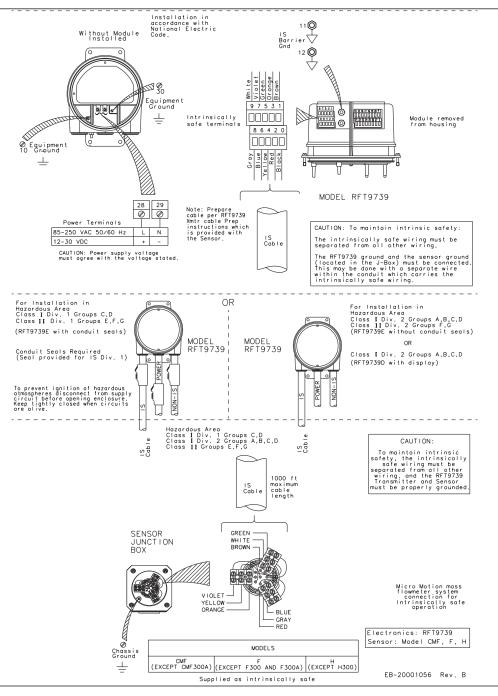
8

RFT9739 field mount 9-wire installation instructions

Table 8-1: List of Drawings for Transmitter RFT9739 9-wire installation instructions

Drawing name	Location
EB-20001056, Revision B	RFT9739 transmitter field mounted to sensor junction box for CMF, F, and H sensors
EB-3002930, Revision F	RFT9739 transmitter field-mounted to 9-wire sensor junction box for CMF300A sensor
EB-3005812, Revision C	RFT9739 transmitter field-mounted to sensor junction box for CMF400 sensor with booster amplifier
EB-3002202, Revision E	RFT9739 transmitter field-mounted to sensor junction box for D and DL sensors
EB-1005078, Revision A	RFT9739 transmitter field-mounted to sensor junction box for D600 sensor
EB-3002521, Revision B	RFT9739 transmitter field-mounted to sensor junction box for DT sensors

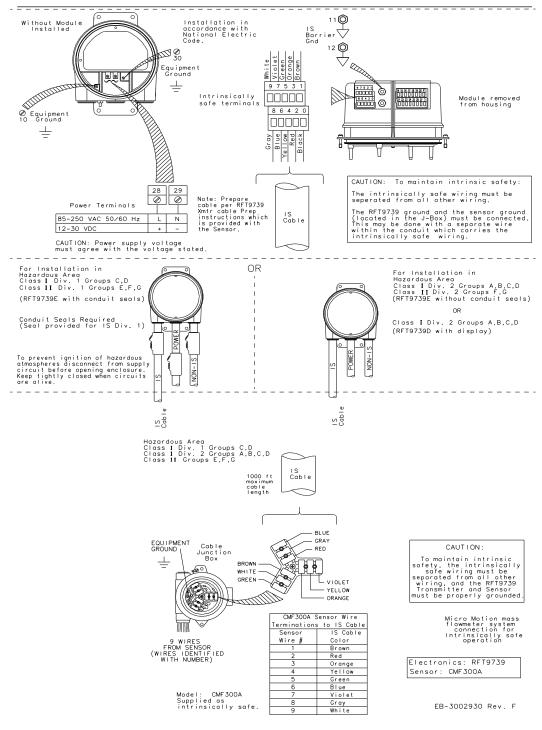
8.1 RFT9739 transmitter field mounted to sensor junction box for CMF, F, and H sensors



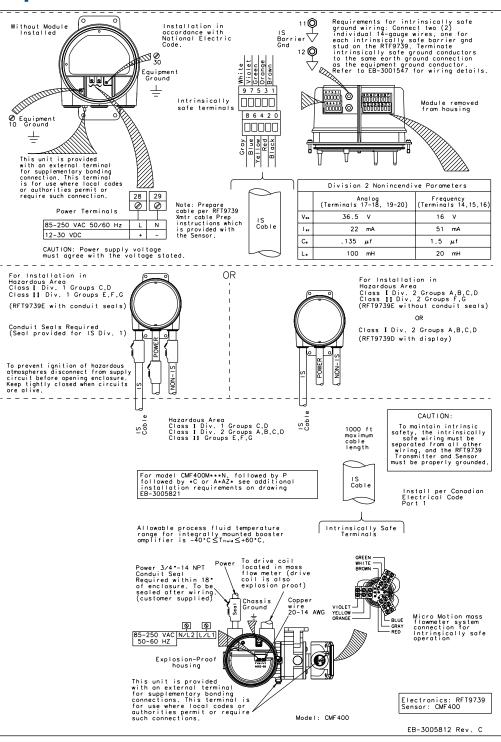
Note

These installation instructions do not apply to either the CMF300A sensor or the CMF400 sensor with booster amplifier.

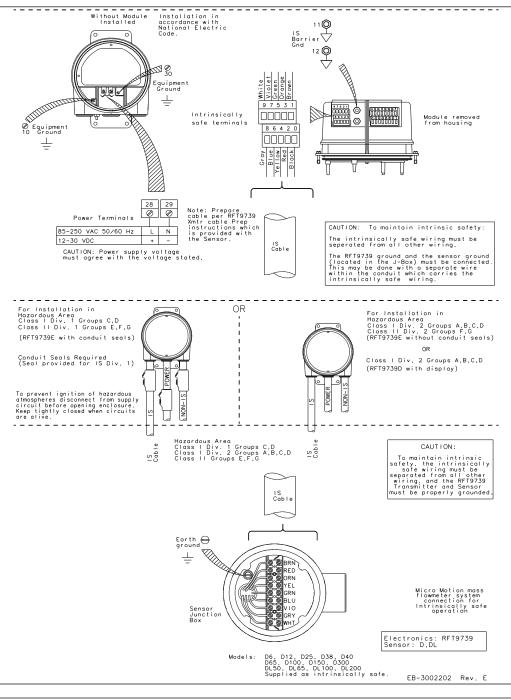
RFT9739 transmitter field-mounted to 9-wire sensor junction box for CMF300A sensor

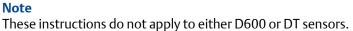


8.3 RFT9739 transmitter field-mounted to sensor junction box for CMF400 sensor with booster amplifier

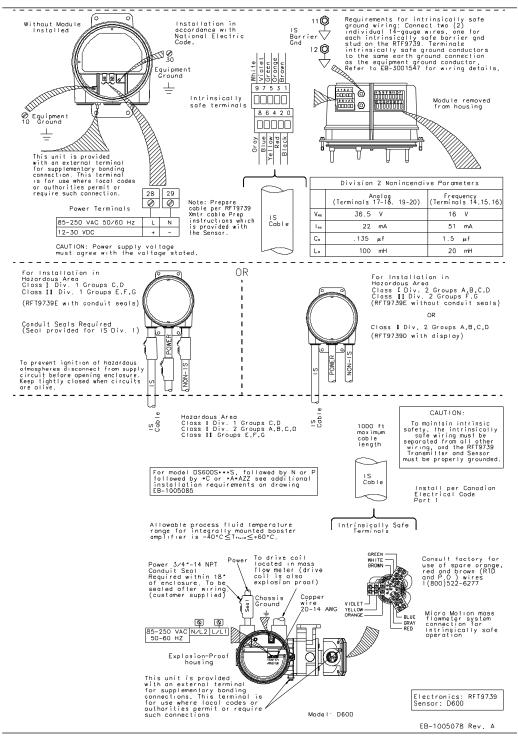


RFT9739 transmitter field-mounted to sensor junction box for D and DL sensors

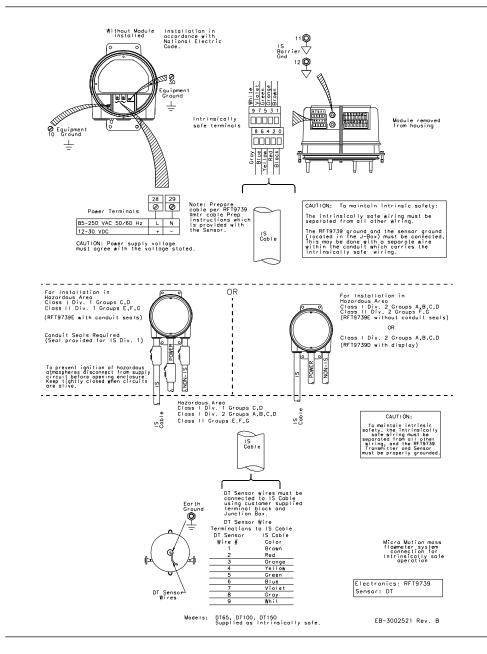




RFT9739 transmitter field-mounted to sensor junction box for D600 sensor



8.6 RFT9739 transmitter field-mounted to sensor junction box for DT sensors



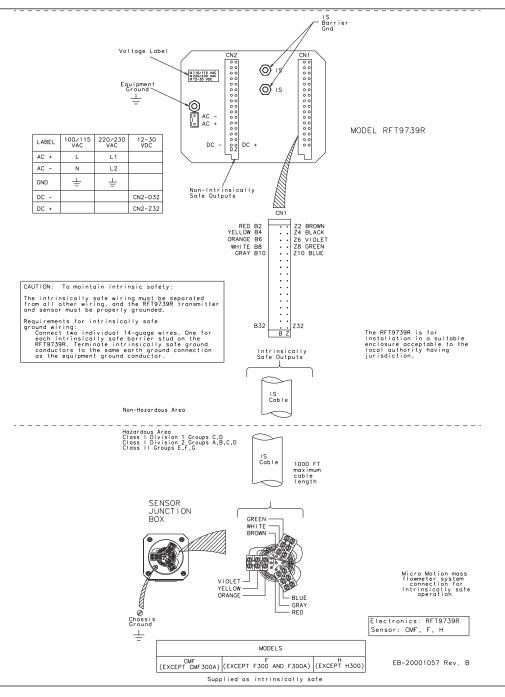
9

RFT9739 rack mount 9-wire installation instructions

Table 9-1: List of Drawings for Transmitter RFT9739 9-wire rack mount installation instructions

Drawing name	Location
EB-20001057, Revision B	RFT9739 rack mounted transmitter to sensor junction box for CMF, F, and H sensors
EB-3002932, Revision F	RFT9739 rack mounted transmitter to sensor junction box for CMF300A sensor
EB-3005813, Revision C	RFT9739 rack mounted transmitter to sensor junction box for CMF400A sensor with booster amplifier
EB-3002523, Revision E	RFT9739 rack mounted transmitter to sensor junction box for D and DL sensors
EB-1005079, Revision A	RFT9739 rack mounted transmitter to sensor junction box for D600 sensor
EB-3002524, Revision B	RFT9739 rack mounted transmitter to sensor junction box for DT sensors

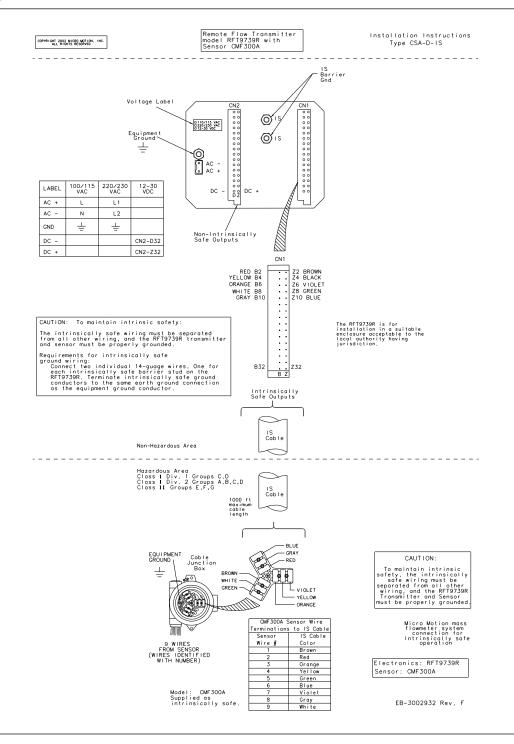
9.1 RFT9739 rack mounted transmitter to sensor junction box for CMF, F, and H sensors



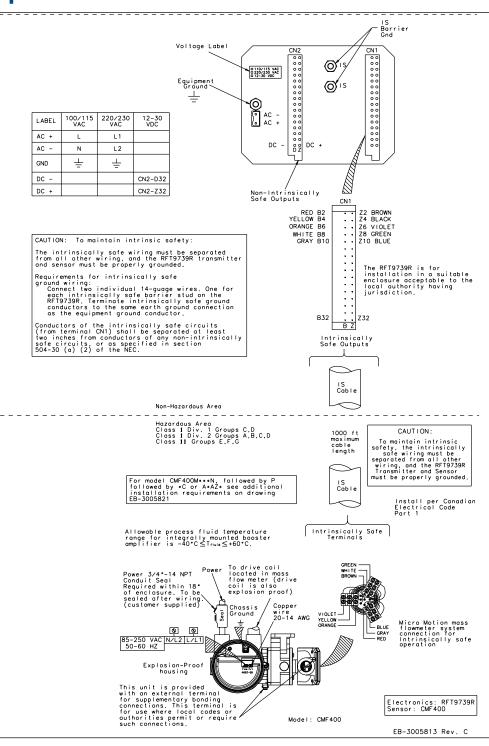
Note

These installation instructions do not apply to either the CMF300A sensor or the CMF400 sensor with booster amplifier.

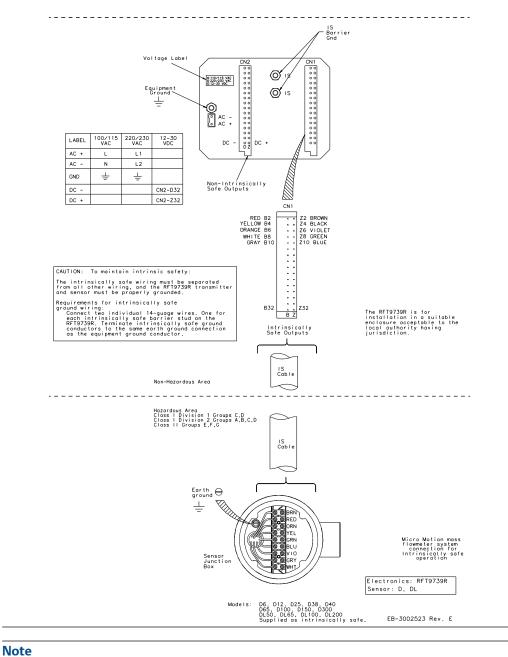
9.2 RFT9739 rack mounted transmitter to sensor junction box for CMF300A sensor

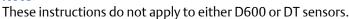


9.3 RFT9739 rack mounted transmitter to sensor junction box for CMF400A sensor with booster amplifier

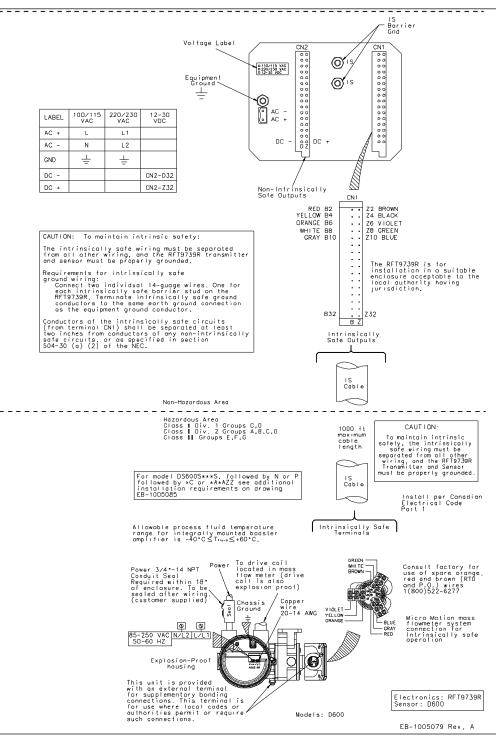


9.4 RFT9739 rack mounted transmitter to sensor junction box for D and DL sensors

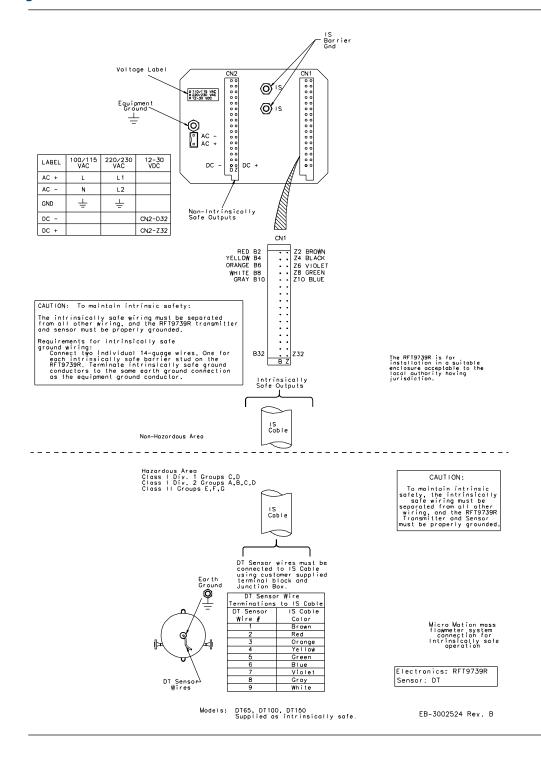




9.5 RFT9739 rack mounted transmitter to sensor junction box for D600 sensor



9.6 RFT9739 rack mounted transmitter to sensor junction box for DT sensors

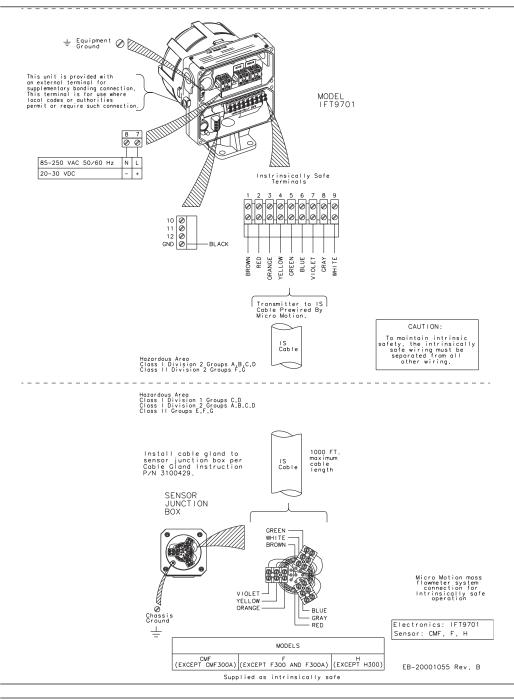


10 IFT9701 transmitter 9-wire installation instructions

Table 10-1: List of Drawings for Transmitter IFT9701 9-wire installation instructions

Drawing name	Location
EB-20001055, Revision B	IFT9701 transmitter to sensor junction box for CMF, F, and H sensors
EB-3003298, Revision B	IFT9739 transmitter to sensor junction box for CMF300A sensor
EB-3005815, Revision C	IFT9701 transmitter to sensor junction box for CMF400 sensor with booster amplifier
EB-3100716, Revision F	IFT9701 transmitter to sensor junction box for D and DL sensors

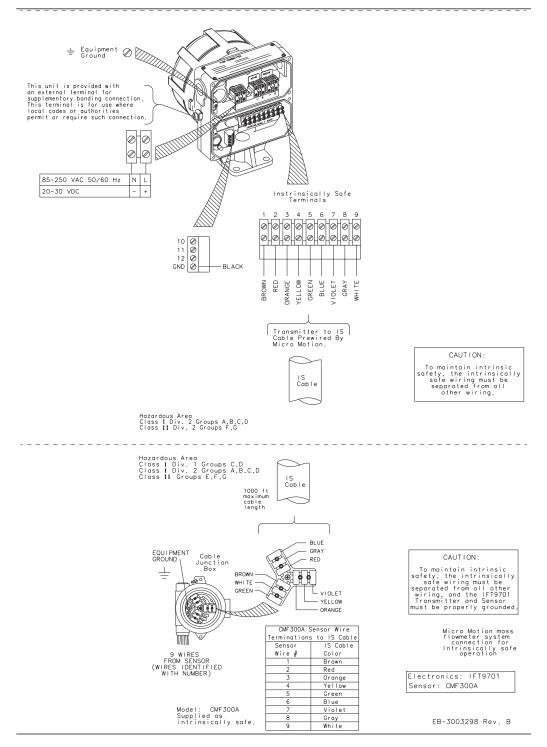
10.1 IFT9701 transmitter to sensor junction box for CMF, F, and H sensors



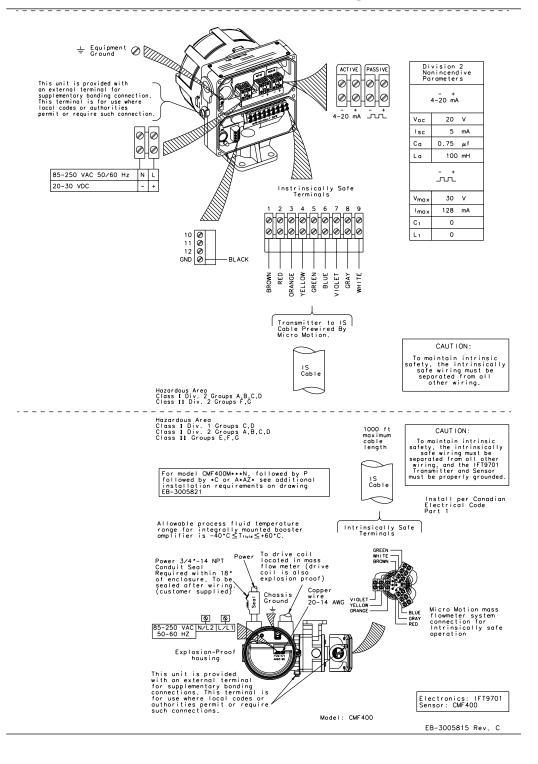
Note

These installation instructions do not apply to either the CMF300A sensor or the CMF400 sensor with booster amplifier.

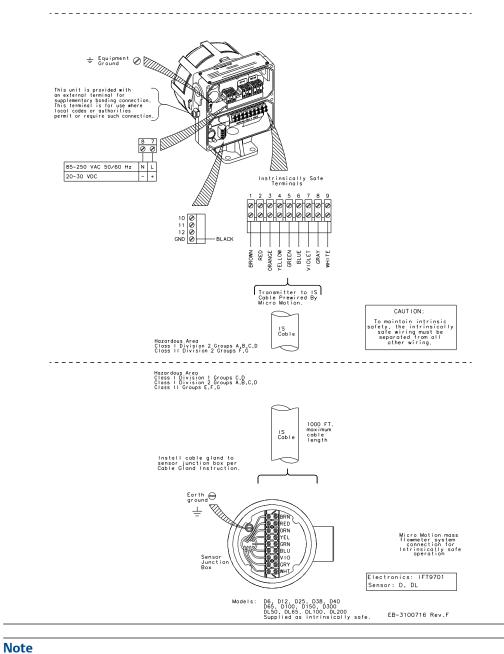
10.2 IFT9739 transmitter to sensor junction box for CMF300A sensor

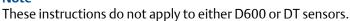


10.3 IFT9701 transmitter to sensor junction box for CMF400 sensor with booster amplifier



10.4 IFT9701 transmitter to sensor junction box for D and DL sensors

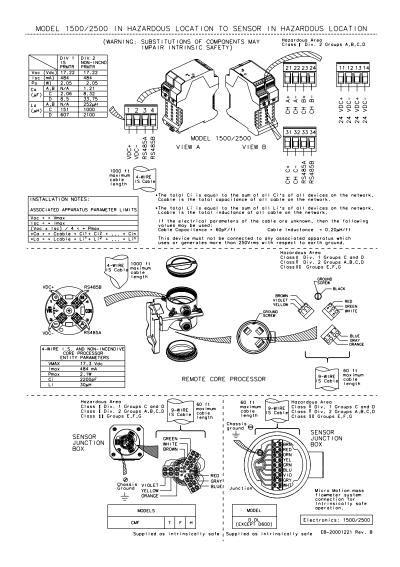




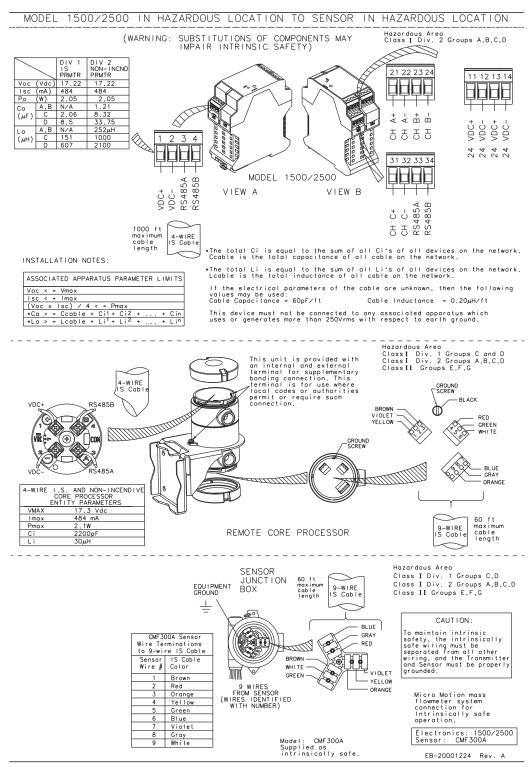
11 Model 1500/2500 9-wire installation instructions

Drawing name	Location
EB-20001221 Revision BA	Model 1500/2500 transmitter to remote mount core processor to 9- wire junction box on CMF, D (except D600), DL, F, H, and T sensors
EB-20001224 Revision A	Model 1500/2500 transmitter to remote core processor to 9-wire junction box for CMF300A sensor
EB-20001223, Revision A	Model 1500/2500 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with booster amplifier
EB-20001222, Revision A	Model 1500/2500 transmitter to core processor to 9-wire junction box on D600 sensor
EB-20001225, Revision A	Model 1500/2500 transmitter to core processor to 9-wire junction box on DT sensor

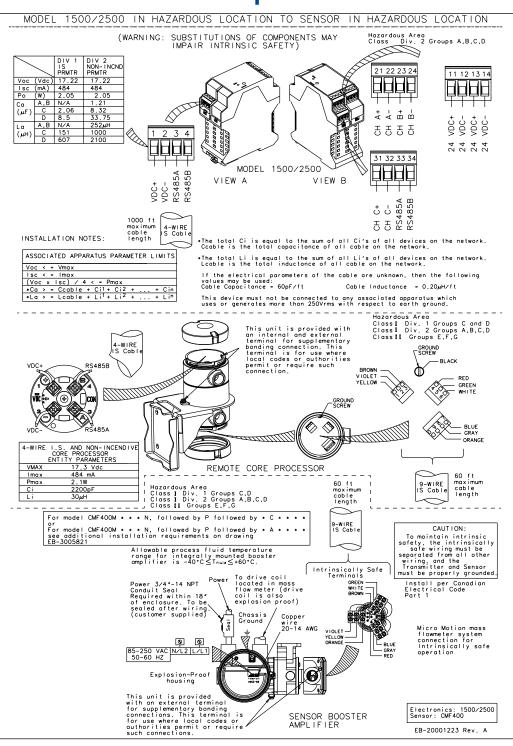
11.1 Model 1500/2500 transmitter to remote mount core processor to 9-wire junction box on CMF, D (except D600), DL, F, H, and T sensors



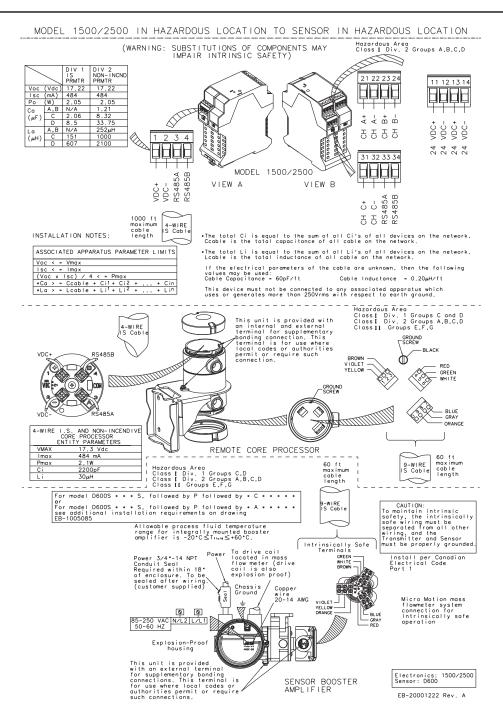
11.2 Model 1500/2500 transmitter to remote core processor to 9-wire junction box for CMF300A sensor



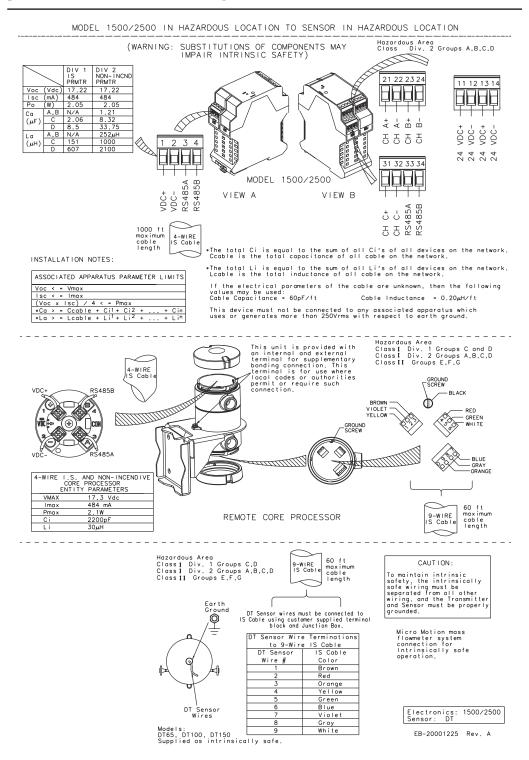
11.3 Model 1500/2500 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with booster amplifier



11.4 Model 1500/2500 transmitter to core processor to 9-wire junction box on D600 sensor



11.5 Model 1500/2500 transmitter to core processor to 9-wire junction box on DT sensor

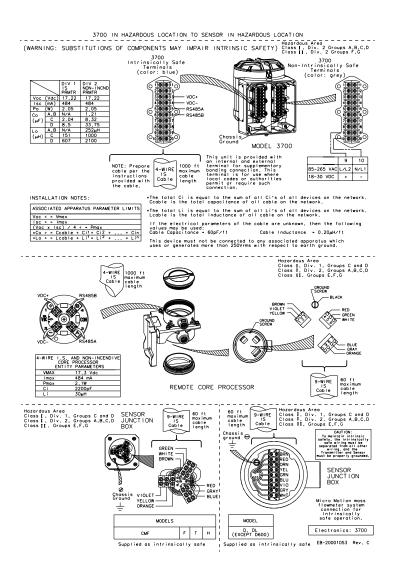


12 Model 3700 9-wire installation instructions

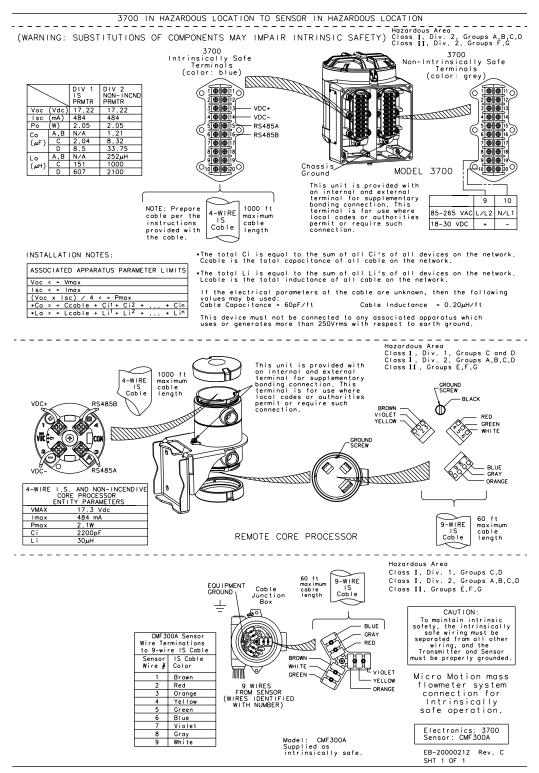
Table 12-1: List of Drawings for Transmitter Models 3700 9-wire installations

Drawing name	Location
EB-20001053, Revision CA	Model 3700 transmitter to remote mount core processor to 9-wire junction box on CMF, D (except D600), DL, F, H, and T sensors
EB-20000212, Revision C	Model 3700 transmitter to remote core processor to 9-wire junction box for CMF300A sensor
EB-20000203, Revision B	Model 3700 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with booster amplifier
EB-20000206, Revision B	Model 3700 transmitter to remote core processor to 9-wire junction box on D600
EB-20000215, Revision B	Model 3700 transmitter to remote mount core processor to 9-wire junction box on DT sensor

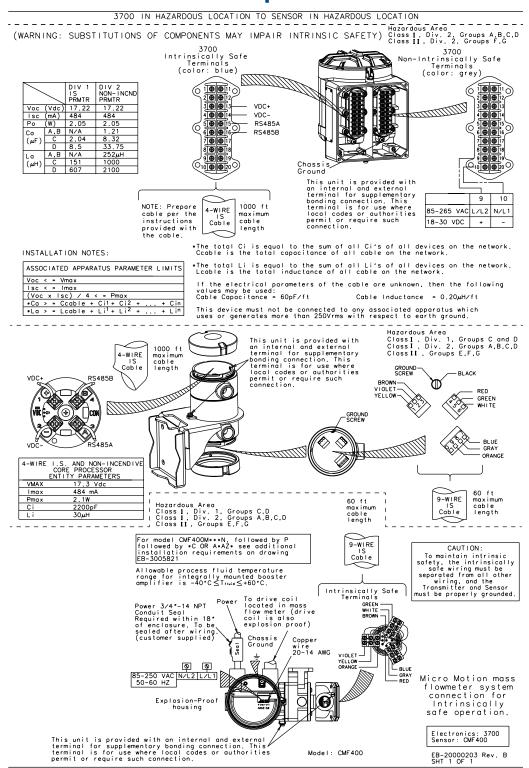
12.1 Model 3700 transmitter to remote mount core processor to 9-wire junction box on CMF, D (except D600), DL, F, H, and T sensors



12.2 Model 3700 transmitter to remote core processor to 9-wire junction box for CMF300A sensor

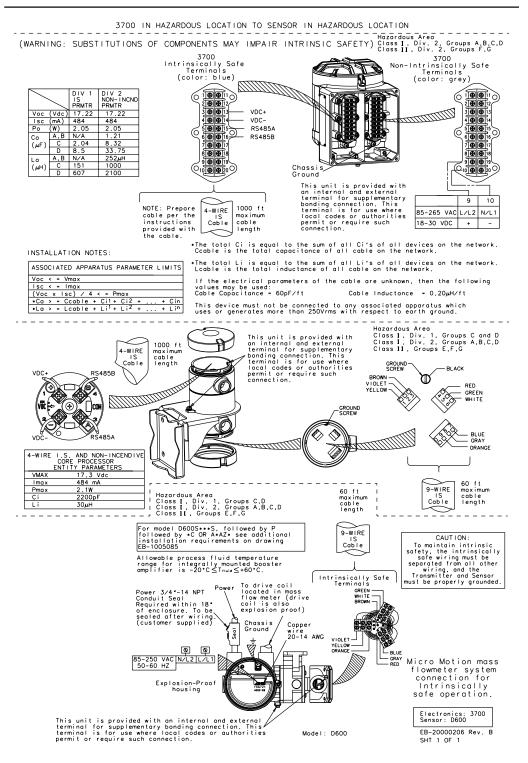


12.3 Model 3700 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with booster amplifier

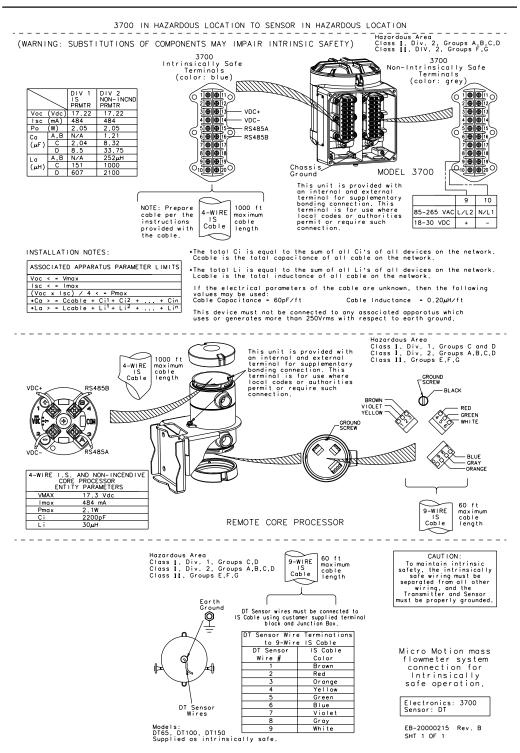


12.4

Model 3700 transmitter to remote core processor to 9-wire junction box on D600



12.5 Model 3700 transmitter to remote mount core processor to 9-wire junction box on DT sensor

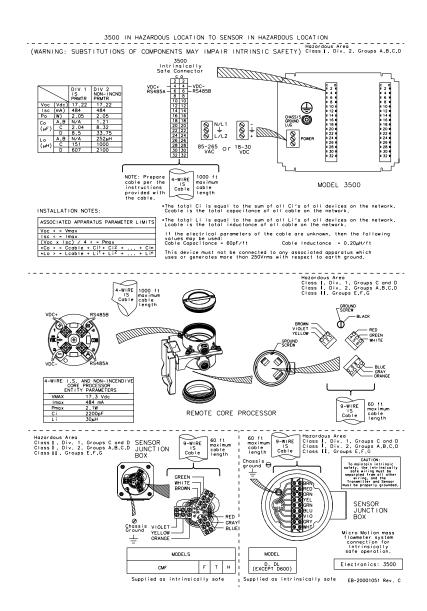


13 Model 3500 9-wire installation instructions

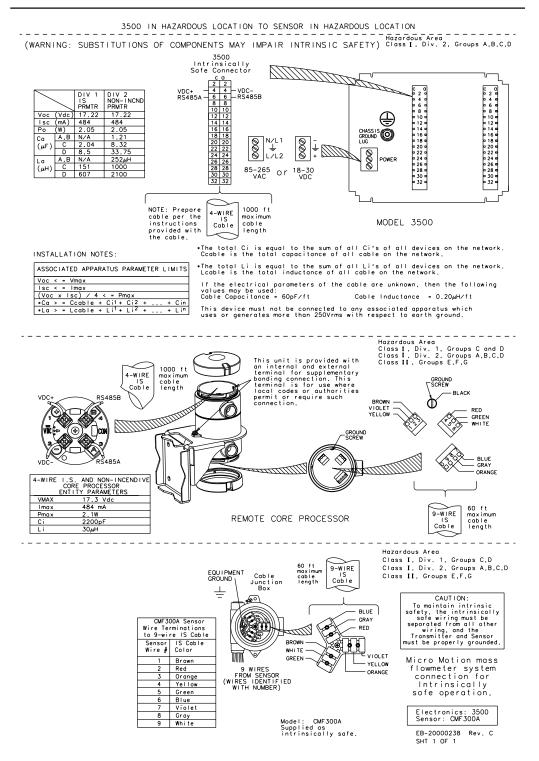
Table 13-1: List of Drawings for Transmitter Models 3500 9-wire installations

Drawing name	Location
EB-20001051, Revision CA	Model 3500 transmitter to remote core processor to 9-wire junction box on CMF, D (except D600), DL, H, and T sensors
EB-20000238, Revision C	Model 3500 transmitter to 9-wire junction box for CMF3000A sensor
EB-20000229, Revision BA	Model 3500 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with boost amplifier
EB-20000232, Revision B	Model 3500 transmitter to remote mount core processor to 9-wire junction box on D600 sensor
EB-20000241, Revision B	Model 3500 transmitter to remote mount core processor to 9-wire junction box on DT sensor

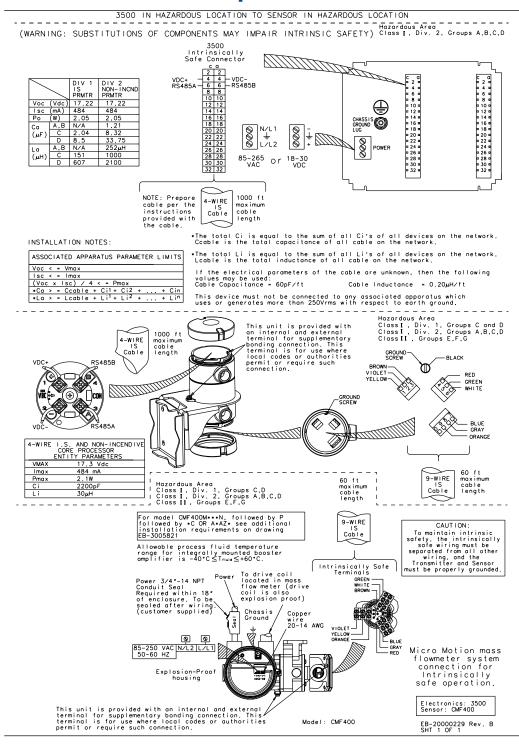
13.1 Model 3500 transmitter to remote core processor to 9-wire junction box on CMF, D (except D600), DL, H, and T sensors



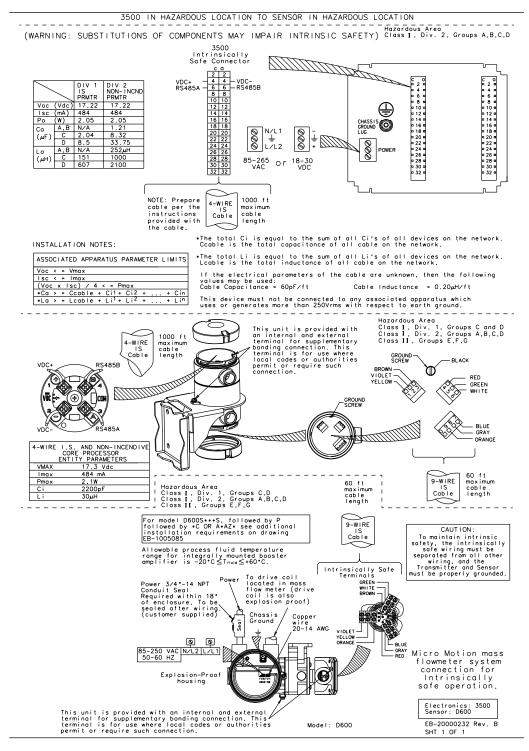
13.2 Model 3500 transmitter to 9-wire junction box for CMF3000A sensor



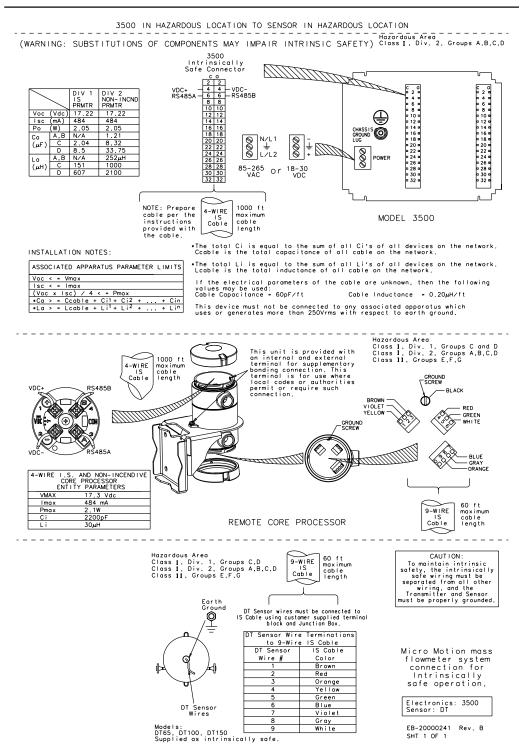
13.3 Model 3500 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with boost amplifier



13.4 Model 3500 transmitter to remote mount core processor to 9-wire junction box on D600 sensor



13.5 Model 3500 transmitter to remote mount core processor to 9-wire junction box on DT sensor



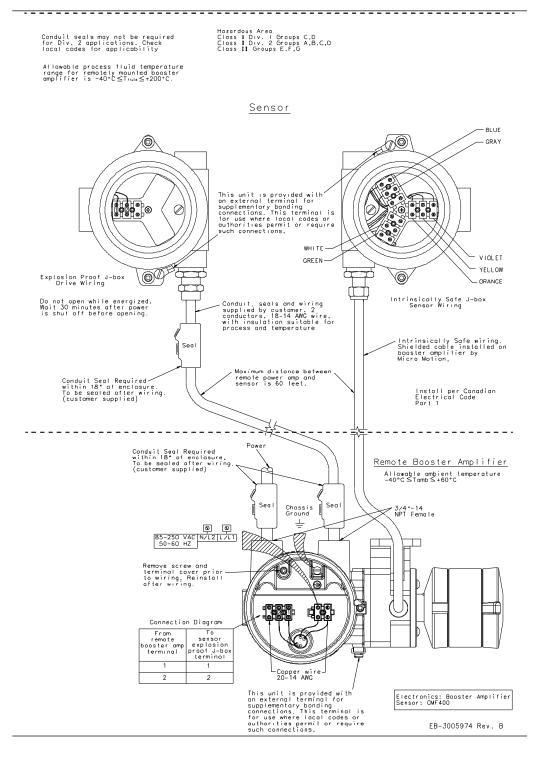
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14 CMF400 booster amplifier installation instructions

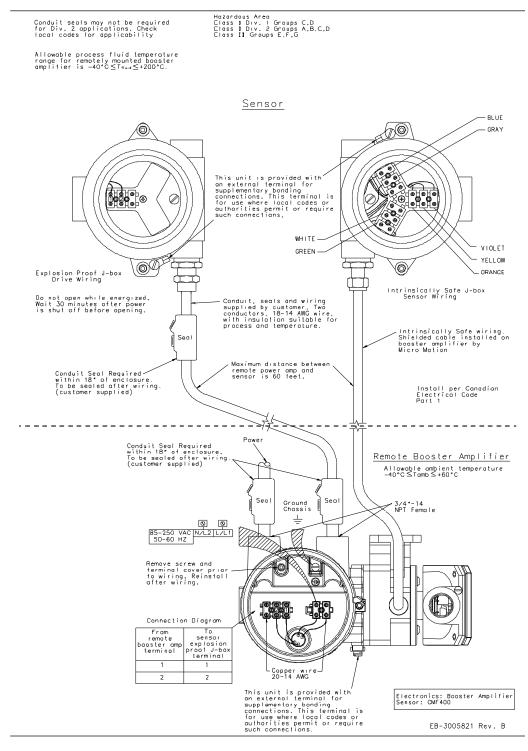
Table 14-1: List of Drawings for CMF400 booster amplifier installation instructions

Drawing name	Location
EB-3005974, Revision B	Booster amplifier with core processor remotely mounted from sensor and transmitter
EB-3005821, Revision B	Booster amplifier with junction box remotely mounted from sensor and transmitter

14.1 Booster amplifier with core processor remotely mounted from sensor and transmitter



14.2 Booster amplifier with junction box remotely mounted from sensor and transmitter

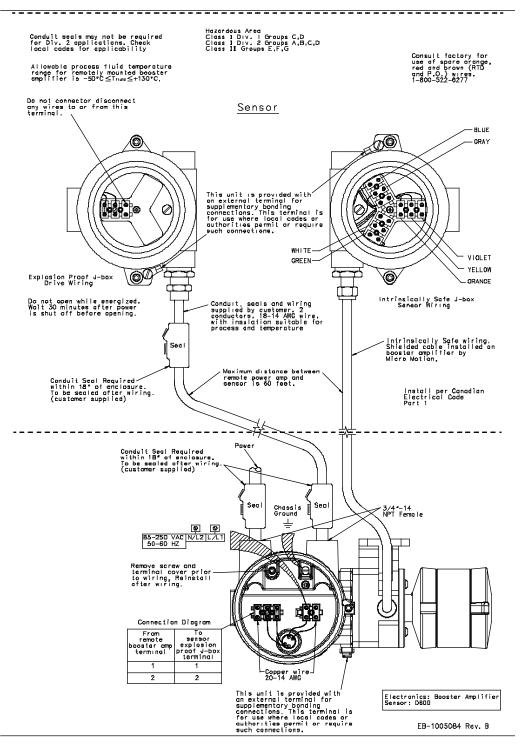


15 D600 remote booster amplifier installation

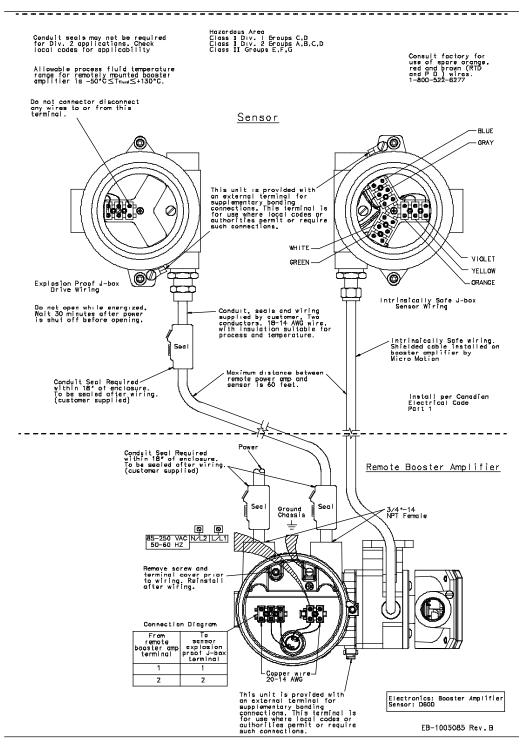
Table 15-1: List of Drawings for D600 remote booster amplifier installation

Drawing name	Location
EB-1005084, Revision B	D600 remote booster amplifier installation with core processor remotely mounted from sensor and transmitter
EB-1005085, Revision B	D600 remote booster amplifier with junction box remotely mounted from sensor and transmitter

15.1 D600 remote booster amplifier installation with core processor remotely mounted from sensor and transmitter



15.2 D600 remote booster amplifier with junction box remotely mounted from sensor and transmitter



A List of drawings

Table A-1: List of Drawings

Drawing name	Location		
EB-1005078 Revision A	RFT9739 transmitter field-mounted to sensor junction box for D600 sensor		
EB-1005079 Revision A	RFT9739 rack mounted transmitter to sensor junction box for D600 sensor		
EB-1005081 Revision A	Model 3500 transmitter to 9-wire sensor junction box for D600 sensor		
EB-1005082 Revision A	Model 3700 transmitter to 9-wire sensor junction box for D600 sensor		
EB-1005084 Revision B	D600 remote booster amplifier installation with core processor remotely mounted from sensor and transmitter		
EB-1005085 Revision B	D600 remote booster amplifier with junction box remotely mounted from sensor and transmitter		
EB-10005117 Revision B	Model 1700/2700 transmitter with integrally-mounted core processor to junction box on D600 sensor		
EB-1005119 Revision B	Model 1700/2700 transmitter to remote core processor to 9-wire junction box on D600 sensor		
EB-2000203 Revision B	Model 3700 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with booster amplifier		
EB-20000206 Revision B	Model 3700 transmitter to remote core processor to 9-wire junction box on D600		
EB-20000212 Revision C	Model 3700 transmitter to remote core processor to 9-wire junction box for CMF300A sensor		
EB-20000215 Revision B	Model 3700 transmitter to remote mount core processor to 9-wire junction box on DT sensor		
EB-2000229 Revision B	Model 3500 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with boost amplifier		
EB-20000232, Revision B	Model 3500 transmitter to remote mount core processor to 9-wire junction box on D600 sensor		
EB-20000238, Revision C	Model 3500 transmitter to 9-wire junction box for CMF3000A sensor		
EB-20000241, Revision B	Model 3500 transmitter to remote mount core processor to 9-wire junction box on DT sensor		
EB-20001051, Revision CA	Model 3500 transmitter to remote core processor to 9-wire junction box on CMF, D (except D600), DL, H, and T sensors		
EB-20001052, Revision B	Model 3500 transmitter to 9-wire sensor junction box for CMF, F, H, and T sensors		
EB-20001053, Revision C	Model 3700 transmitter to remote mount core processor to 9-wire junction box on CMF, D (except D600), DL, F, H, and T sensors		

Table A-1: List of Drawings (continued)

Drawing name	Location		
EB-20001054, Revision B	Model 3700 transmitter to sensor junction box for CMF, F, H, and T sensors		
EB-20001055, Revision B	IFT9701 transmitter to sensor junction box for CMF, F, and H sensors		
EB-20001056, Revision B	RFT9739 transmitter field mounted to sensor junction box for CMF F, and H sensors		
EB-20001057, Revision B	RFT9739 rack mounted transmitter to sensor junction box for CMF, F, and H sensors		
EB-20001058, Revision, C	Model 1700/2700 transmitter with integrally-mounted processor to junction box on CMF, F, H, T, D, and DL sensors		
EB-20001060, Revision, BA	Model 1700/2700 transmitter installation to remote core processor to 9-wire junction box on CMF, F, T, D, and DL sensors		
EB-20001221 Revision BA	Model 1500/2500 transmitter to remote mount core processor to 9- wire junction box on CMF, D (except D600), DL, F, H, and T sensors		
EB-20001222, Revision A	Model 1500/2500 transmitter to core processor to 9-wire junction box on D600 sensor		
EB-20001223, Revision A	Model 1500/2500 transmitter to remote core processor to 9-wire junction box on CMF400 sensor with booster amplifier		
EB-20001224 Revision A	Model 1500/2500 transmitter to remote core processor to 9-wire junction box for CMF300A sensor		
EB-20001225, Revision A	Model 1500/2500 transmitter to core processor to 9-wire junction box on DT sensor		
EB-3002202, Revision E	RFT9739 transmitter field-mounted to sensor junction box for D and DL sensors		
EB-3002521, Revision B	RFT9739 transmitter field-mounted to sensor junction box for DT sensors		
EB-3002523, Revision E	RFT9739 rack mounted transmitter to sensor junction box for D and DL sensors		
EB-3002524, Revision B	RFT9739 rack mounted transmitter to sensor junction box for DT sensors		
EB-3002930, Revision F	RFT9739 transmitter field-mounted to 9-wire sensor junction box CMF300A sensor		
EB-3002932, Revision F	RFT9739 rack mounted transmitter to sensor junction box for CMF300A sensor		
EB-3002934, Revision F	Model 3500 transmitter to 9-wire sensor junction box for CMF300A sensor		
EB-3002936, Revision F	Model 3700 transmitter to sensor junction box for CMF300A sensor		
EB-3003298, Revision B	IFT9739 transmitter to sensor junction box for CMF300A sensor		
EB-3005812, Revision C	RFT9739 transmitter field-mounted to sensor junction box for CMF400 sensor with booster amplifier		

Table	A-1:	List o	of Drav	vings	(continued)
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Drawing name	Location		
EB-3005813, Revision C	RFT9739 rack mounted transmitter to sensor junction box for CMF400A sensor with booster amplifier		
EB-3005815, Revision C	IFT9701 transmitter to sensor junction box for CMF400 sensor with booster amplifier		
EB-3005816, RevisionC	Model 3500 transmitter to sensor junction box for CMF400 sensor with booster amplifier		
EB-3005817, Revision BA	Model 3700 transmitter to 9-wire sensor junction box for CMF400 sensor with booster amplifier		
EB-3005821, Revision B	Booster amplifier with junction box remotely mounted from sensor and transmitter		
EB-3005974, Revision B	Booster amplifier with core processor remotely mounted from sensor and transmitter		
EB-3006199, Revision C	Model 1700/2700 transmitter with integrally-mounted core processor to 9-wire junction box on CMF400 sensor with booster amplifier		
EB-3100716, Revision F	IFT9701 transmitter to sensor junction box for D and DL sensors		
EB-3300193, Revision E	Model 3300 nonincendive parameters		
EB-330555, Revision D	Model 3500 transmiter to sensor junction box for D and DL sensors		
EB-3300556, Revision C	Model 3500 transmitter to 9-wire sensor junction box for DT sensor		
EB-3300573, Revision D	Model 3700 transmitter to 9-wire sensor junction box for D and DL sensors		
EB-3300575, Revision C	Model 3700 transmitter to 9-wire sensor junction box for DT sensors		
EB-3300818, Revision B	Model 3350 nonincendive parameters		
EB-3600473, Revision DA	Transmitter output installation: Profibus-PA outputs for Model 1700/2700 Transmitters		
EB-3600476, Revision DA	Transmitter output installation Model 1700/2700 with Fieldbus		
EB-3600479, Revision CA	Transmitter output installation: Analog outputs for Model 1700/2700 transmitters		
EB-3600538, Revision B	Model 1700/2700 transmitter with integrally-mounted core processor to 9-wire junction box on DT sensor		
EB-3600539, Revision C	Model 1700/2700 transmitter with integrally-mounted core processor to 9-wire junction box for CMF300A sensor		
EB-3600629, Revision D	Transmitter output installation Model 1700/2700 with Intrinsically Safe installation		
EB-3600667, Revision B	Transmitter output installation: Model 2700 with configurable inputs and outputs		
EB-3600674, Revision C	Model 1700/2700 transmitter to remote core processor to 9-wire junction box on DT sensor		

Table A-1: List of Drawings (continued)

Drawing name	Location
EB-3600675, Revision D	Model 1700/2700 transmitter to 9-wire remote core processor to CMF300A sensor
EB-3600675, Revision D	Model 1700/2700 transmitter to 9-wire remote core processor to CMF300A sensor

MMI-20001968 Rev. BB 2018

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