



Certificate of Compliance

Certificate: 1355901 (LR 82598)

Master Contract: 160686

Project: 2567316

Date Issued: November 1, 2012

Issued to: Endress + Hauser Flowtec AG

Kagenstrasse 7
Reinach, Basel Land 4153
Switzerland
Attention: Utz Dette

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



Aisha Sreenath

Issued by: Aisha Sreenath

PRODUCTS

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

Class I, Zone 0, Group IIC:

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

- PROWIRL 72/73F/W/X**_*****N***** Flowmeters, supply rated 30Vdc, 50mA (total). Intrinsically Safe with integral or remote sensor, having Entity Parameters, Temperature Codes and Maximum Ambient Temperatures per Control Drawing No. FES0067. Dual Seal Device, MWP 250 bar / 3625 psi max.

Note: “*” in the Model Number may be any number or letter representing specific options.

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

Class I, Zone 2, Group IIC:

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

- PROWIRL 72/73F/W/X**_*****N***** Flowmeters, supply rated 30Vdc, 50mA (total). Remote Sensor (where applicable) is Non-Incendive for Division 2 / Zone 2 when connected to the Non-Incendive field



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circuit of the transmitter. Temperature Codes and Maximum Ambient Temperatures per Control Drawing No. FES0067. Dual Seal Device, MWP 250 bar / 3625 psi max .

Note: “*” in the Model Number may be any number or letter representing specific options.

Class I, Zone 1, Group IIC:

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

- PROWIRL 72/73F/W/X**-*****P***** Flowmeters, supply rated 36Vdc, 1.5W. Explosion-Proof with integral or remote Intrinsically Safe sensor. The measuring tube of the compact sensor and the entire remote sensor are suitable for Zone 0 locations. Temperature Codes and Maximum Ambient Temperatures per Control Drawing No. FES0076. Seal Not Required. Dual Seal Device, MWP 250 bar / 3625 psi max.

Note: “*” in the Model Number may be any number or letter representing specific options.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II

CSA Std. C22.2 No. 142-M1987 (R2004) - Process Control Equipment

ANSI/ISA-12.27.01-2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids

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

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

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

CAN/CSA-C22.2 No. 1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

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

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



Supplement to Certificate of Compliance

Certificate: 1355901

Master Contract: 160686

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
2567316	November 1, 2012	Update to cover minor revision on Control Drawing.
2310054	July 30, 2010	Update to include alternative display Module SD01, minor report and drawing revisions; and deletion of Class No. 2252 03.
1968417	December 5, 2007	Update to cover Dual Seal markings
1531525	April 13, 2004	Update of Report 160686-1355901 to cover revised Drawings, Legacy File LR 82598

History

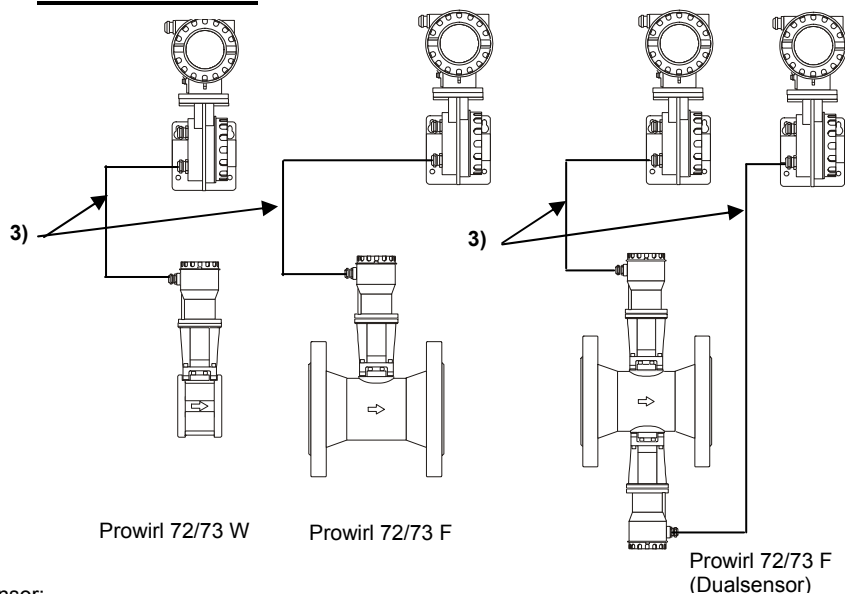
1403955 Oct 10, 2003 Update to cover: 1) New explosion-proof version including addition of Commodul 330413 and 330415; 2) New model codes; 3) New sensor for high pressure version Prowirl F; 4) Revised drawings; 5) Connection of FXA193 Service Interface.

1355901 Oct 3, 2002 Original Certification.

Hazardous Locations

Class I Division 1 Groups ABCD or Class I Zone 0 Group IIC
and Class II and III Division 1 Groups EFG

Remote version



Sensor:

PROWIRL 7**_**1***N****, PROWIRL 7**_**2***N****, PROWIRL 7**_**3***N****,
PROWIRL 7**_**4***N****, PROWIRL 7**_**6***N****, PROWIRL 7**_**7***N****,
PROWIRL 7**_**C***N****, PROWIRL 7**_**F***N****, PROWIRL 7**_**H***N****,

Max. medium temperature						
	T6 2)	T5 2)	T4	T3	T2	T1
Ta = 40°C	80°C	95°C	130°C	190°C	290°C	440°C
Ta = 60°C	---	95°C	130°C	190°C	290°C	440°C
Ta = 85°C	---	---	130°C	190°C	290°C	440°C

PROWIRL 7**_**0***N****, PROWIRL 7**_**5***N****,
PROWIRL 7**_**B***N**** and PROWIRL 7**_**G***N****.

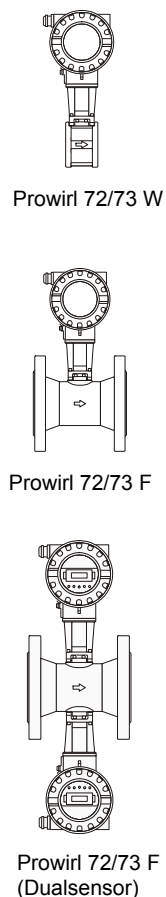
Max. medium temperature					
	T6 2)	T5 2)	T4	T3	T2 - T1
Ta = 40°C	80°C	95°C	130°C	190°C	280°C
Ta = 60°C	---	95°C	130°C	190°C	280°C
Ta = 85°C	---	---	130°C	190°C	280°C

Transmitter:

PROWIRL 7**_*****N****.

	T6 2)	T5 2)	T4 - T1
Ta =	40°C	60°C	80°C

Compact version



PROWIRL 7**_**1***N****, PROWIRL 7**_**2***N****, PROWIRL 7**_**3***N****,
PROWIRL 7**_**4***N****, PROWIRL 7**_**6***N****, PROWIRL 7**_**7***N****,
PROWIRL 7**_**C***N****, PROWIRL 7**_**F***N****, PROWIRL 7**_**H***N****.

Max. medium temperature						
	T6 2)	T5 2)	T4	T3	T2	T1
Ta = 40°C	80°C	95°C	130°C	190°C	290°C	440°C
Ta = 60°C	---	95°C	130°C	190°C	290°C	440°C
Ta = 70°C	---	---	130°C	190°C	290°C	440°C

PROWIRL 7**_**0***N****, PROWIRL 7**_**5***N****, PROWIRL 7**_**B***N****,
PROWIRL 7**_**G***N****.

Max. medium temperature					
	T6 2)	T5 2)	T4	T3	T2 - T1
Ta = 40°C	80°C	95°C	130°C	190°C	280°C
Ta = 60°C	---	95°C	130°C	190°C	280°C
Ta = 70°C	---	---	130°C	190°C	280°C

Notes:

1) Assignment of Control Drawings:

Drawing-No.	Model Codes:
FES0067 E	Prowirl 7**_*****N****
FES0067-0001 E	Prowirl 7**_*****N****A and Prowirl 7**_*****N****W
FES0067-0002 E	Prowirl 7**_*****N****H and Prowirl 7**_*****N****K
FES0067-0003 E	Prowirl 7**_*****N****H and Prowirl 7**_*****N****K
FES0067-0004 E	Prowirl 7**_*****N****H and Prowirl 7**_*****N****K
FES0067-0005 E	Prowirl 7**_*****N****H and Prowirl 7**_*****N****K

- Temperature class T6 and T5 is not allowed for versions of Profibus PA and Fieldbus Foundation (not for PROWIRL 7**_*****N****H and PROWIRL 7**_*****N****K)
- Max. cable length for intrinsically safe installation 100m for using cable parameters $L_{\text{Cable}} = 1\text{mH/km}$ and $C_{\text{Cable}} = 1\mu\text{F/km}$
- Caution: Use supply wires suitable for 10°C above maximum ambient temperature
- Caution: Surface temperature of transmitter enclosure can exceed 70°C depending on ambient temperature or medium temperature
- Dust tight seals must be used at conduit entries for Class II and III installation
- Fieldbus cable connectors are suitable for Class I, Div. 2, Groups A,B,C,D if non-incendive circuits are connected (see FES0067-0004 C)
- Prowirl 72 and Prowirl 73 transmitter is intended for installation to Service Interface FXA 193 when using the PROLINE EX-ZWEILEITER-KABEL (blue cable)
- Prowirl 72/73 is a Dual Seal device in accordance with ANSI/ISA-12.27.01-2003

Änderungen:

A	24.03.03 / Bn	F	08.08.12 / BIF	Alle gesetzlichen Urheberrechte vorbehalten. Diese Zeichnung darf ohne unsere Genehmigung weder vervielfältigt werden noch dritten Personen und Konkurrenzfirmen zugänglich gemacht werden.	Ersatz für: Ersteller: FES/Bn File: M:\ZEICHNUNG\...FES0067F.doc
B	08.09.03 / Bn	G			
C	10.12.03 / Bn	H			
D	08.06.06 / Bn	J			
E	03.09.07 / BDA	K			

CSA CONTROL DRAWING PROWIRL 72, PROWIRL 73 (IS and NI) Compact Version, Remote version



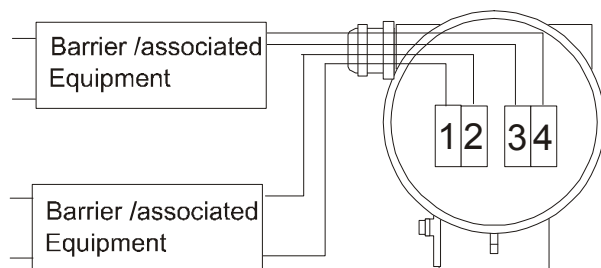
Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach

Masstab	Gezeichnet	23.09.02	Bn
	Geprüft		
	Ex-geprüft	08.08.12	BIF
	Gesehen		

FES0067 F

Hazardous Locations

Class I Division 1 Groups ABCD or Class I Zone 0 Group IIC
and Class II and III Division 1 Groups EFG



Notes:

This page applies to model code:

Prowirl 7* **_***N****A and
Prowirl 7* **_*****N****W**

Intrinsically safe installation

- 1) Control room equipment may not use or generate over 250 Vrms.
- 2) Wire all circuits for power supply per ISA RP 12.06.01
- 3) Use entity approved safety barrier or other associated equipment that satisfy the following conditions:
 $V_{oc} \leq V_{max}$, $I_{sc} \leq I_{max}$, $C_a \geq C_i + C_{cable}$, $L_a \geq L_i + L_{cable}$ transmitter entity parameters are as follows:

Terminals 1 and 2 (Hart, current output)

V_{max}	I_{max}	P_i	C_i	L_i
30 V	300 mA	1 W	5.3 nF	0

Terminals 3 and 4 (Pulse)

V_{max}	I_{max}	P_i	C_i	L_i
30 V	300 mA	1 W	0	0

- 4) **WARNING:** SUBSTITUTION OF COMPONENTS MAY IMPAIR INSTRINSIC SAFETY.
- 5) Ex ia is defined as Intrinsically Safe

Division 2 and Zone 2 installation (without barrier)

- 6) Installation of transmitter circuit wiring according to Canadian Electrical Code using threaded conduit or other wiring methods in accordance with rule 18.
- 7) **WARNING:** EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2 OR CLASS I, ZONE 2.
- 8) Terminal 1 and 2
Supply voltage: HART 12 ... 30 V
Signal current: 4 ... 20 mA (max. 25 mA)
- 9) Terminal 3 and 4
Pulse Output: max. 30 V, max. 30 mA
- 10) For non-incendive installation see parameters as listed in note 3)

Class II, III installation (without barrier)

- 11) Installation of transmitter circuit wiring according to Canadian Electrical Code using threaded conduit or other wiring methods in accordance with rule 18.

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	B	08.09.03 / Bn	G					
	C	10.12.03 / Bn	H					
	D	08.06.06 / Bn	J					
	E	03.09.07 / BDA	K					
CSA CONTROL DRAWING PROWIRL 72, PROWIRL 73 (IS and NI) Current output, Hart, Pulse ENTITY INSTALLATION					Massstab	Gezeichnet	23.09.02	Bn
						Geprüft		
						Ex-geprüft	08.08.12	BIF
						Gesehen		
 Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach					FES0067-0001 F			

This page applies to model code: **Prowirl 7* **-*****N****H and**
Prowirl 7* **-***N****K**

FISCO-Concept

The FISCO Concept allows interconnection of intrinsically safe apparatus to associated apparatus not specifically examined in such combination. The criteria for interconnection is that the voltage (U_i or V_{max}), the current (I_i or I_{max}) and the power (P_i) which intrinsically safe apparatus can receive and remain intrinsically safe, considering faults, must be equal or greater than the voltage (U_o or V_o), the current (I_o or I_{sc}) and the power (P_o) levels which can be delivered by the associated apparatus, considering faults and applicable factors. In addition, the maximum unprotected capacitance (C_i) and inductance (L_i) of each apparatus (other than the termination) connected to the fieldbus must be less than or equal to 5 nF and 10 μ H respectively.

In each segment only one active device, normally the associated apparatus, is allowed to provide the necessary energy for the fieldbus system. The voltage U_o of the associated apparatus has to be limited to the range of 14V to 24V d.c. All other equipment connected to the bus cable has to be passive, meaning that they are not allowed to provide energy to the system, except to a leakage current of 50 μ A for each connected device. Separately powered equipment needs a galvanic isolation to assure that the intrinsically safe fieldbus circuit remains passive.

The cable used to interconnect the devices needs to have the parameters in the following range:

- loop resistance R' : 15 150 Ω /km
- inductance per unit length L' : 0.4 1 mH/km
- capacitance per unit length C' : 80 200 nF/km
- $C' = C'$ line/line + 0.5 C' line/screen, if both lines are floating or
- $C' = C'$ line/line + C' line/screen, if the screen is connected to one line
- length of spur cable : ≤ 30 m
- length of trunk cable : ≤ 1 km
- length of splice : ≤ 1 m

At each end of the trunk cable an approved infallible line termination with the following parameters is suitable:

- $R = 90 \dots 100 \Omega$
- $C = 0 \dots 2.2 \mu F$

One of the allowed terminations might already be integrated in the associated apparatus.

The number of passive devices connected to the bus segment is not limited due to I.S. reasons. If the above rules are respected, up to a total length of 1000 m (sum of the length of trunk cable and all spur cables), the inductance and capacitance of the cable will not impair the intrinsic safety of the installation.

Notes:

Intrinsically safe installation

- Control room equipment may not use or generate over 250 Vrms.
- Wire all circuits for power supply per Canadian Electrical Code Part I.
- Be aware of multiple earthing of the screen. The screen must be connected in accordance with ISA RP 12.06.01
- WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.

Division 2 and Zone 2 installation

- Installation of transmitter circuit wiring according to Canadian Electrical Code using threaded conduit or wiring methods in accordance to rule 18.
- WARNING: EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.

Class II installation

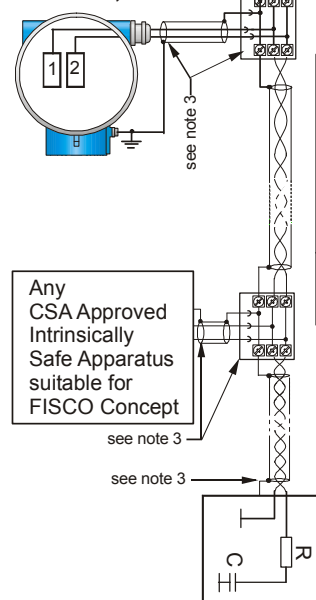
- Transmitter circuit wiring in conduit in accordance with the Canadian Electrical Code Part I

HAZARDOUS (CLASSIFIED) LOCATION

Class I, Division 1, Groups A,B,C,D
Class I, Zone 0, Group IIC
Class II, Division 1, Groups E,F,G
Class III, Division 1

NONHAZARDOUS LOCATION

Prowirl 72, Prowirl 73



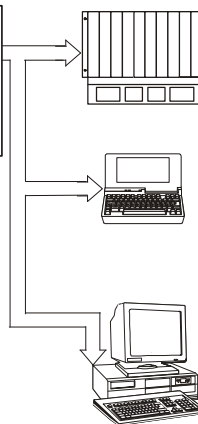
Prowirl 72, Prowirl 73

U_i or $V_{max} = 17,5$ V
 I_i or $I_{max} = 500$ mA
 $P_i = 5.5$ W
 $C_i \leq 5$ nF $L_i \leq 10$ μ H
Leakage current ≤ 50 μ A

Temperature classes, ambient temperature and medium temperature see page 1

Any CSA Approved Termination with
 $R = 90 \dots 100 \Omega$
 $C = 0 \dots 2.2 \mu F$

Any CSA Approved Associated Apparatus suitable for Fisco Concept
see note 3



Notes:

Intrinsically safe installation

- Control room equipment may not use or generate over 250 Vrms.
- Wire all circuits for power supply per Canadian Electrical Code Part I.
- Be aware of multiple earthing of the screen. The screen must be connected in accordance with ISA RP 12.06.01
- WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.

Division 2 and Zone 2 installation

- Installation of transmitter circuit wiring according to Canadian Electrical Code using threaded conduit or wiring methods in accordance to rule 18.
- WARNING: EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.

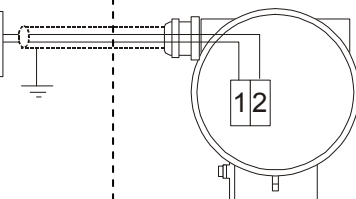
Class II installation

- Transmitter circuit wiring in conduit in accordance with the Canadian Electrical Code Part I

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CSA CONTROL DRAWING PROWIRL 72, PROWIRL 73 (IS) Div. 1 / Zone 0 FISCO - Concept					Massstab	Gezeichnet	23.09.02	Bn
						Geprüft		
						Ex-geprüft	08.08.12	BIF
						Gesehen		
 Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach					FES0067-0002 F			

Non Hazardous Locations

Entity Approved
bus supply



Hazardous Locations

Class I Division 1 Groups ABCD or Class I
Zone 0 Group IIC
and Class II and III Division 1 Groups EFG

This page applies to model code: **Prowirl 7* **_*****N****H and Prowirl 7* **_*****N****K**

Intrinsically safe installation:

- 1) Control room equipment may not use or generate over 250 Vrms.
- 2) Wire all circuits for power supply per ISA RP 12.6.
- 3) Use entity approved safety barrier or other associated equipment that satisfy the following conditions:

$V_{oc} \leq V_{max}$, $I_{sc} \leq I_{max}$, $C_a \geq C_i + C_{cable}$, $L_a \geq L_i + L_{cable}$ transmitter entity parameters are as follows:

V_{max}	I_{max}	P_i	C_i	L_i
17.5 V	500 mA	5.5 W	≤ 5 nF	≤ 10 μ H
or 24 V	250 mA	1.2 W	≤ 5 nF	≤ 10 μ H

- 4) **WARNING:** SUBSTITUTION OF COMPONENTS MAY IMPAIR INSTRINSIC SAFETY.
- 5) Ex ia is defined as Intrinsically Safe

Division 2 and Zone 2 installation (without barrier):

- 6) Control room equipment may not use or generate over 250 Vrms.
- 7) Installation of transmitter circuit wiring according to Canadian Electrical Code using threaded conduit or wiring methods in accordance to rule 18.
- 8) Wire all circuits for power supply per ISA RP 12.06.01
- 9) Terminals 1 and

$V \leq 30$ V, $I \leq 40$ mA

For non-incendive installation see parameters as listed in note 3)

- 10) **WARNING:** SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I DIVISION 2 AND CLASS I ZONE 2.

Class II, III installation (without barrier)

- 11) Transmitter circuit wiring in conduit in accordance with the Canadian Electrical Code.

Änderungen:	A	24.03.03 / Bn	F	08.08.12/BIF	Alle gesetzlichen Urheberrechte vorbehalten. Diese Zeichnung darf ohne unsere Genehmigung weder vervielfältigt werden noch dritten Personen und Konkurrenzfirmen zugänglich gemacht werden.	Ersatz für: Ersteller: FES/Bn File: M:\ZEICHNG\...\FES0067F.doc ID 1113												
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CSA CONTROL DRAWING PROWIRL 72, PROWIRL 73 (IS and NI) Fieldbus Foundation and Profibus PA IS installation, Entity - Concept					Masstab	<table><tr><td>Gezeichnet</td><td>23.09.02</td><td>Bn</td></tr><tr><td>Geprüft</td><td></td><td></td></tr><tr><td>Ex-geprüft</td><td>08.08.12</td><td>BIF</td></tr><tr><td>Gesehen</td><td></td><td></td></tr></table>	Gezeichnet	23.09.02	Bn	Geprüft			Ex-geprüft	08.08.12	BIF	Gesehen		
Gezeichnet	23.09.02	Bn																
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 Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach					FES0067-0003 F													

FES0067-0003 F

This page applies to model code: **Prowirl 7* **_*****N****H and**
Prowirl 7* **_***N****K**

FNICO (fieldbus nonincendive concept)

The FNICO Concept allows interconnection of nonincendive apparatus to associated apparatus not specifically examined in such combination. The criteria for interconnection is that the voltage (Ui or Vmax), the current (Ii or Imax) and the power (Pi) which intrinsically safe apparatus can receive and remain intrinsically safe, considering faults, must be equal or greater than the voltage (Uo or Voc), the current (Io or Isc) and the power (Po) levels which can be delivered by the associated apparatus, considering faults and applicable factors. In addition, the maximum unprotected capacitance (Ci) and inductance (Li) of each apparatus (other than the termination) connected to the fieldbus must be less than or equal to 5 nF and 10 µH respectively.

In each segment only one active device, normally the associated apparatus, is allowed to provide the necessary energy for the fieldbus system. The voltage Uo of the associated apparatus has to be limited to the range of 14V to 24V d.c. All other equipment connected to the bus cable has to be passive, meaning that they are not allowed to provide energy to the system, except to a leakage current of 50 µA for each connected device. Separately powered equipment needs a galvanic isolation to assure that the intrinsically safe fieldbus circuit remains passive.

The cable used to interconnect the devices needs to have the parameters in the following range:

loop resistance R'	: 15 150 Ω/km
inductance per unit length L'	: 0.4 1 mH/km
capacitance per unit length C'	: 80 200 nF/km
C' = C' line/line + 0.5 C' line/screen, if both lines are floating or	
C' = C' line/line + C' line/screen, if the screen is connected to one line	
length of spur cable	: ≤ 30 m
length of trunk cable	: ≤ 1 km
length of splice	: ≤ 1 m

At each end of the trunk cable an approved infallible line termination with the following parameters is suitable:

R = 90 100 Ω
C = 0 2.2 µF

One of the allowed terminations might already be integrated in the associated apparatus.

The number of passive devices connected to the bus segment is not limited due to NI reasons. If the above rules are respected, up to a total length of 1000 m (sum of the length of trunk cable and all spur cables), the inductance and capacitance of the cable will not impair the intrinsic safety of the installation.

Notes:

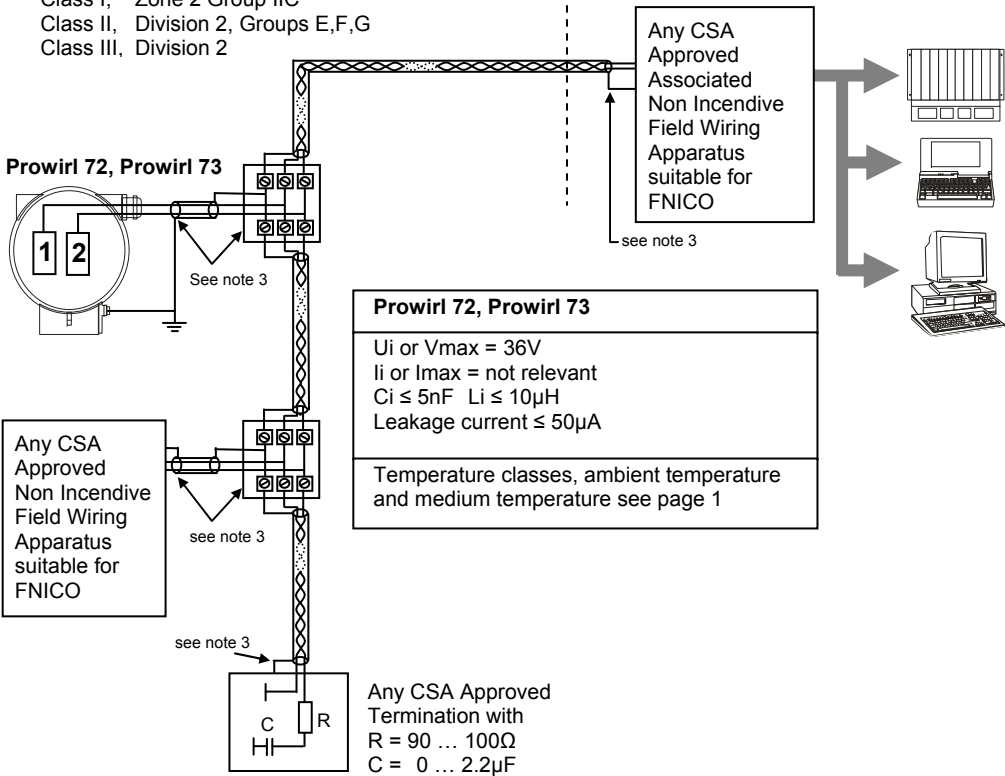
Nonincendive field wiring installation

- 1) Be aware of multiple earthing of the screen. The screen must be connected in accordance with ISA RP 12.06.01

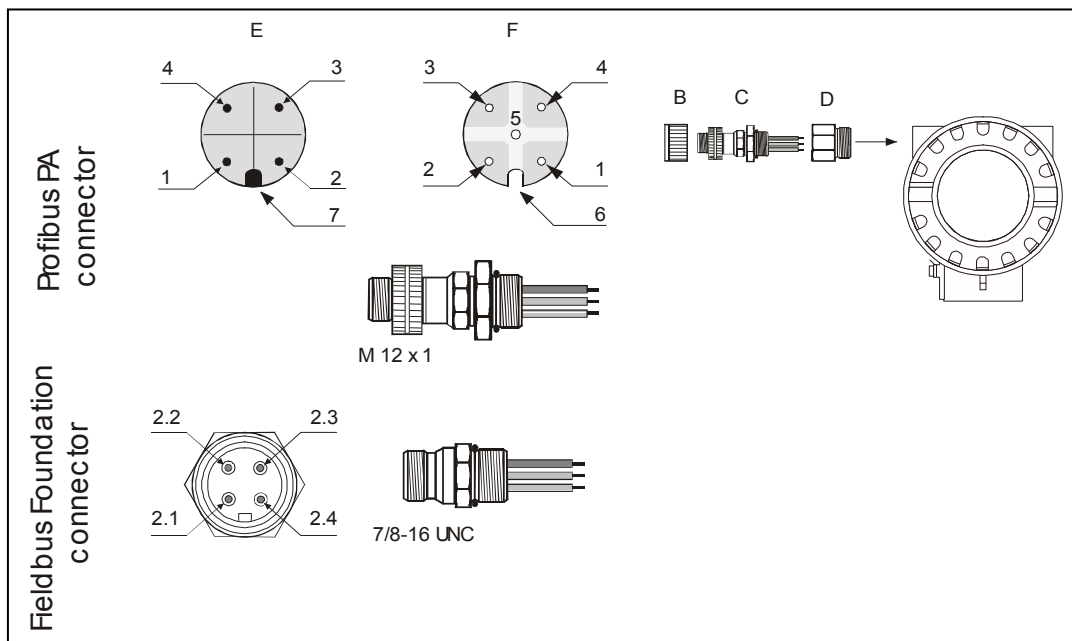
HAZARDOUS (CLASSIFIED) LOCATION

Class I, Division 2, Groups A,B,C,D
Class I, Zone 2 Group IIC
Class II, Division 2, Groups E,F,G
Class III, Division 2

NONHAZARDOUS LOCATION



Aenderungen:	A	24.03.03 / Bn	F	08.08.12/BIF	Alle gesetzlichen Urheberrechte vorbehalten. Diese Zeichnung darf ohne unsere Genehmigung weder vervielfältigt werden noch dritten Personen und Konkurrenzfirmen zugänglich gemacht werden.	Ersatz für: Ersteller: FES/Bn File: M:\ZEICHNG\...\FES0067F.doc	ID 1113		
	B	08.09.03 / Bn	G						
	C	10.12.03 / Bn	H						
	D	08.06.06 / Bn	J						
	E	03.09.07 / BDA	K						
CSA CONTROL DRAWING PROWIRL 72, PROWIRL 73 (NI) Div. 2 / Zone 2 FNICO - Concept						Massstab	Gezeichnet	23.09.02	Bn
							Geprüft		
							Ex-geprüft	08.08.12	BIF
							Gesehen		
							 Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach		



B = Protection cap for connector, C = Fieldbus connector,
D = Thread adapter E = Connector on housing (male),
F = Connector (female)

Pin assignment:

Profibus PA

- 1 = Brown wire, PA+ (terminal 26)
- 2 = Not connected
- 3 = Blue wire, PA- (terminal 27)
- 4 = Black wire, ground
- 5 = Female connector not assigned
- 6 = Positioning groove
- 7 = Positioning key

Fieldbus Foundation

- 2.1 = Brown wire, FF+ (terminal 26)
- 2.2 = Blue wire, FF- (terminal 27)
- 2.3 = Grey wire, ground
- 2.4 = Not assigned

This page applies to model code: **Prowirl 7* **_*****N****H and Prowirl 7* **_*****N****K with Fieldbus Cable Connector**

Notes:

- 1) Fieldbus cable connectors are suitable for Class I, Div. 2, Groups A,B,C,D and Class I, Zone 2 Group IIC if non-incendive circuits are connected

Änderungen:	A	24.03.03 / Bn	F	08.08.12/BIF	Alle gesetzlichen Urheberrechte vorbehalten. Diese Zeichnung darf ohne unsere Genehmigung weder vervielfältigt werden noch dritten Personen und Konkurrenzfirmen zugänglich gemacht werden.	Ersatz für: Ersteller: FES/Bn File: M:\ZEICHNUNG\...\FES0067F.doc ID 1113			
	B	08.09.03 / Bn	G						
	C	10.12.03 / Bn	H						
	D	08.06.06 / Bn	J						
	E	03.09.07 / BDA	K						
CSA CONTROL DRAWING PROWIRL 72, PROWIRL 73 (IS and NI) Fieldbus Cable Connector NI installation						Massstab	Gezeichnet	23.09.02	Bn
							Geprüft		
							Ex-geprüft	08.08.12	BIF
							Gesehen		
 Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach						FES0067-0005 F			