For Additional Product Information:

If QR code is not affixed here, product documents can be located by entering your product's S/N into the search tool (magnifier icon) at the top of the webpage found at **www.emerson.com**

Quick Start Guide
MS-00825-0100-4082, Rev AE
October 2025

Rosemount™ 802 Wireless Multi Discrete I/O Transmitter

ROSEMOUNT

EMERSON

⚠ WARNING

Failure to follow safe installation and servicing guidelines could result in death or serious injury.

Ensure only qualified personnel perform installation or service.

Ground the electronics enclosure in accordance with local and national installation codes.

⚠ WARNING

Explosions

Could result to death or serious injury.

Installation of device in an explosive environment must be in accordance with appropriate local, national, and international standards, codes, and practices.

Verify that the operating environment of the device is consistent with the appropriate hazardous locations certifications.

Before connecting a field communicator in an explosive atmosphere, ensure that the instruments are installed in accordance with intrinsically safe or non-incendive field wiring practices.

⚠ WARNING

Electrostatic hazard

Could result to death or serious injury.

Do not open when energized

Avertissement - Risque d'explosion. Ne pas ourvrir lorsque sous tension.

The surface resistivity of the antenna is greater than one gigaohm. To avoid electrostatic charge build-up, it must not be rubbed or cleaned with solvents or a dry cloth.

⚠ WARNING

Conduit/cable entries

The conduit/cable entries in the transmitter housing use a ½–14 NPT thread form.

When installing in a hazardous location, use only appropriately listed or Ex-certified plugs, glands, or adapters in cable/conduit entries.

Ensure external conduit/cable fittings are Type 4X rated or better (C22.2 No 94.2/UL 50E requirement).

⚠ WARNING

Physical access

Unauthorized personnel may potentially cause significant damage to and/or misconfiguration of end users' equipment. This could be intentional or unintentional and needs to be protected against.

Physical security is an important part of any security program and fundamental in protecting your system. Restrict physical access by unauthorized personnel to protect end users' assets. This is true for all systems used within the facility.

NOTICE

Shipping considerations for wireless products (lithium batteries: Black Power Module, model number 701PBKKF):

Emerson shipped the transmitter to you without the Black Power Module installed. Remove the Black Power Module prior to shipping the transmitter. Each Black Power Module contains two *C* size primary lithium batteries. Primary lithium batteries are regulated in transportation by the U.S. Department of Transportation and are also covered by the International Air Transport Association (IATA), International Civil Aviation Organization (ICAO), and European Ground Transportation of Dangerous Goods (ADR).

It is the shipper's responsibility to ensure compliance with these or any other local requirements. Before shipping, consult current regulations and requirements.

1 Parts needed

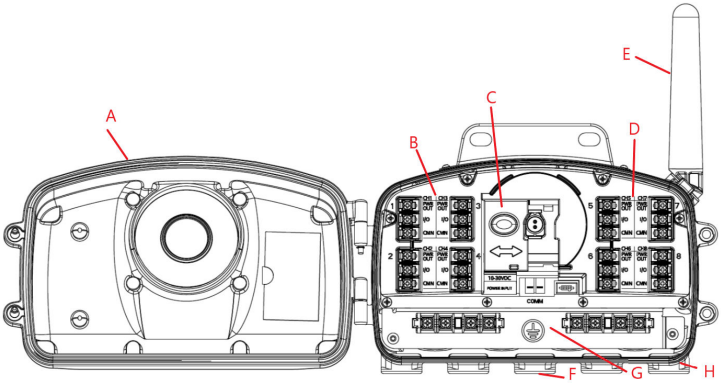
1.1 In the box

- Quick Start Guide
- Rosemount 802 Transmitter
- Conduit plugs (Quantity: 5)
- Optional
  - 802 mounting bracket (if ordered via option code `B6`)
  - cable glands (if ordered via option codes `G1-5` or `R1-5`)

1.2 Ordered separately

- Emerson 701P SmartPower™ Module - Black (Model Number: 701PBKKF)

1.3 Rosemount 802 Transmitter



A. Cover
B. Discrete terminals 1-4
C. Power input slider
D. Discrete terminals 5-8
E. Antenna
F. Conduit plugs (Quantity: 5)
G. Ground plate
H. External ground lug

2 Device preparation

2.1 Power up

Note
There are two methods to power up the transmitter: either with the Emerson 701P SmartPower™ Module - Black or a 10-30 Vdc external power supply.

Prerequisites

Verify the wireless gateway is installed and functioning properly before powering any wireless devices.

Procedure

1. Using a Phillips head screwdriver, remove screws to open cover.

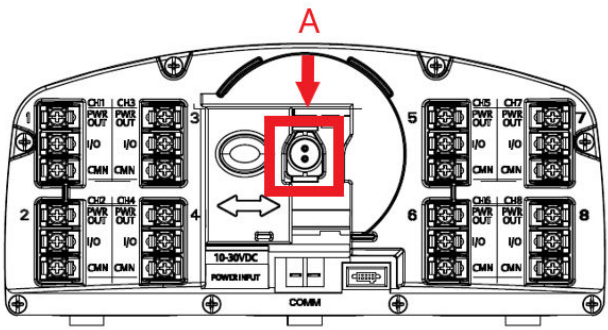
Figure 2-1: Cover Screws

A. Cover screws

Note
The default power position is with the power module terminals exposed.

2. Remove the plastic plug from the receptacle.

Figure 2-2: Power Module Configuration



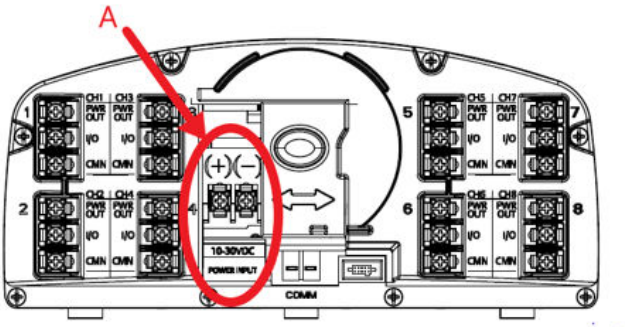
A. Plastic plug

3. Power the device in one of two ways:
   - Install the 701P SmartPower Module into the Rosemount 802 Transmitter.
   - Move the mechanical slider to expose the external power supply terminals. Using a 10 to 30 Vdc power source, power the transmitter.

Input voltage	10 to 30 Vdc
Input current (maximum)	805 mA

Power supply must be isolated from AC mains and provide transient-free DC input power to the transmitter.

Figure 2-3: External Power Supply Configuration

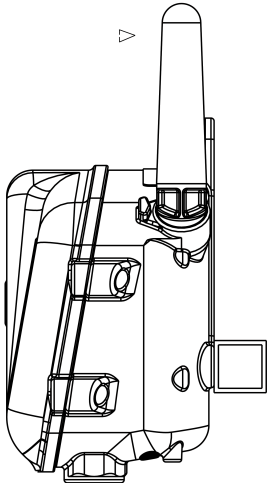


A. Power supply

2.2 Antenna position

To allow for clear communication to other devices, vertically position the antenna approximately 3 ft. (1 m) away from any large structure, building, or conductive surface.

Figure 2-4: Antenna Position



2.3 Plug conduits

Procedure

1. Remove temporary orange plugs from the conduit entries.
2. Using approved thread sealant, place the included conduit plugs in the conduit entries.

3 Provisioning & commissioning

3.1 Provision transmitter

Prerequisites

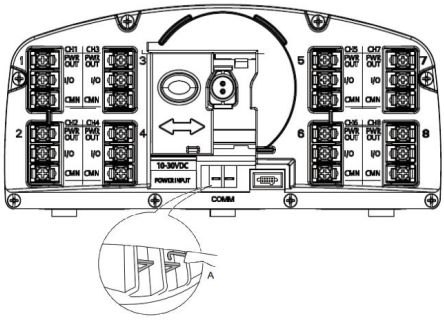
The power module must be installed before the Field Communicator can interface with the Rosemount 802 Wireless Discrete Transmitter. The transmitter must be powered up to interface with the communication device

NOTICE
For WirelessHART® transmitter communication via a field communicator, a Rosemount 802 wireless device driver (DD) is required.

Procedure

To obtain the latest device driver (DD), go to Software & Drivers.

Figure 3-1: Connection Diagram



A. Communication terminals

NOTICE
The Emerson 475 Field Communicator will not work as a communication device for the 802 Transmitter.

3.2 Commission device to gateway

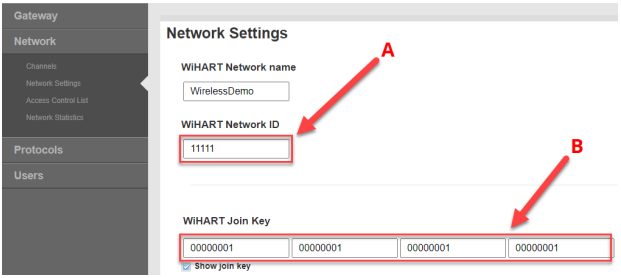
If you ordered the transmitter with a factory-configured network ID and join key, no user input is required for the transmitter to join the network.

If you're unsure if you ordered the device with the factory-configured option, manually enter the network ID and join key to match the gateway.

Procedure

1. To obtain the **WiHART Network ID** and **WiHART Join Key**, go to **Network** → **Network Settings** in the gateway user interface.

Figure 3-2: *Network Settings* Page in Gateway User Interface

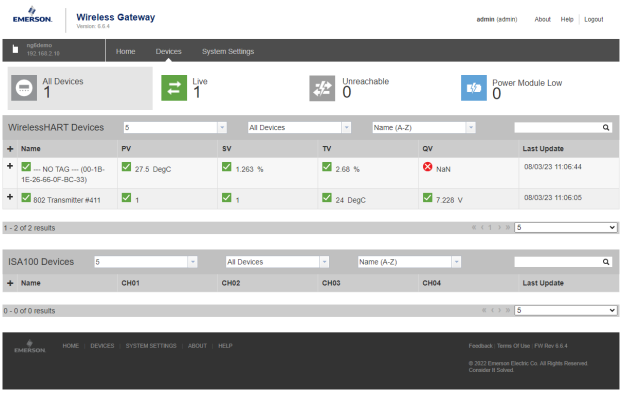


A. ***WiHART Network ID***
B. ***WiHART Join Key***

2. Use a field communicator or HART® modem to configure the transmitter by entering the **WiHART Network ID** and **WiHART Join Key**.

Note
It may take several minutes for the device to join the network.

Figure 3-3: Gateway Explorer Page



4 Terminal wiring for input and output circuits

The transmitter has three screw terminals for each channel.

These terminals are labeled as follows:

PWR OUT	Constant power out, for external power only
I/O	Switched input or output channel
CMN	Common

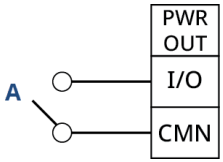
Note
All eight channels have a third PWR OUT terminal that outputs continuous voltage, which can be up to 2 Vdc less than the supplied external power to the transmitter. (For example, 28 Vdc into the transmitter, PWR OUT terminal outputs 26 Vdc.)

4.1 Discrete inputs

The transmitter has eight channels, each of which can be configured for a discrete input or output.

The transmitter will accept input from simple switches. Inputs must be dry contact only.

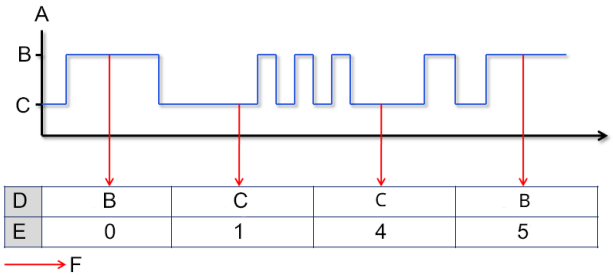
Figure 4-1: Discrete Input Circuit



A. Dry contact only

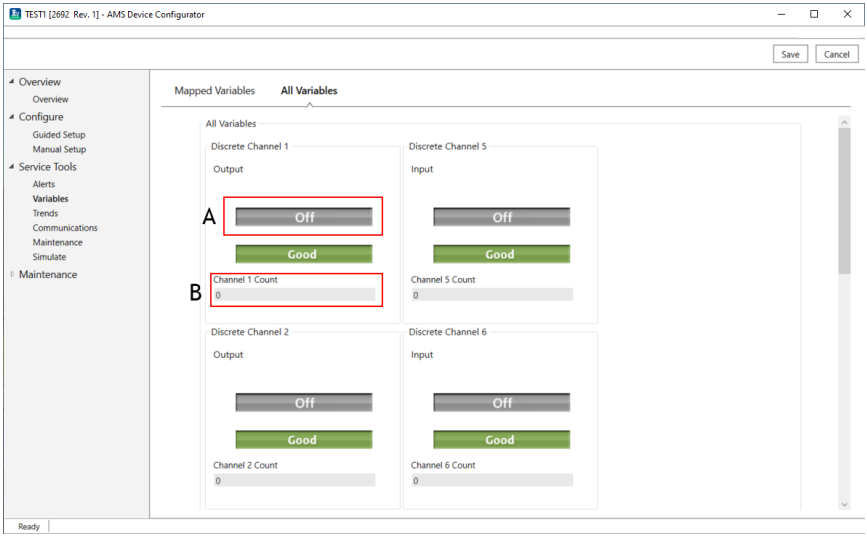
The transmitter is capable of detecting momentary discrete inputs of 10 milliseconds or more in duration, regardless of the wireless update rate. At each wireless update, the transmitter reports current discrete input state along with an accumulating count of close-open cycles for each input channel.

Figure 4-2: Momentary Inputs and Accumulating Count



A. Input switch state
B. Closed
C. Open
D. State
E. Count
F. Wireless updates

Figure 4-3: Reporting of Current Discrete State and Count in AMS Device Manager



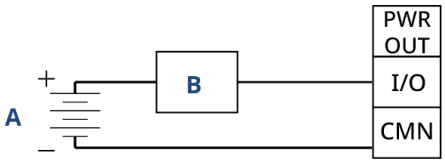
A. Current state
B. Count

4.2 Discrete output switch functionality

The host control system drives the discrete output of the Rosemount 802 Transmitter through the wireless gateway and out to the transmitter.

The time required for wireless communication from the gateway to the transmitter is dependent on many factors, including the size and topology of the network and the total amount of downstream traffic on the wireless network. For a network that is constructed to Emerson's best practices, typical delays in communication of a discrete output from the gateway to the transmitter are 15 seconds or less. Remember that this delay is only part of the latency that will be observed in a control loop.

Figure 4-4: Discrete Output Circuit



A. External power supply
B. Load

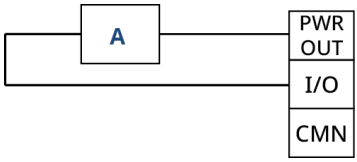
4.3 Alternative discrete output functionality

All eight channels have a third PWR OUT terminal that outputs continuous voltage, which can be up to 2 Vdc less than the supplied external power to the transmitter. (For example, if the external DC power supplies 28 Vdc to the transmitter, the PWR OUT terminal will output 26 Vdc.)

Note
This feature only applies when the transmitter is powered via an external DC power supply. It does not work when the transmitter is powered by the Black Power Module.

Figure 4-5 shows the alternative wiring configuration.

Figure 4-5: Alternative Discrete Output Wiring Circuit



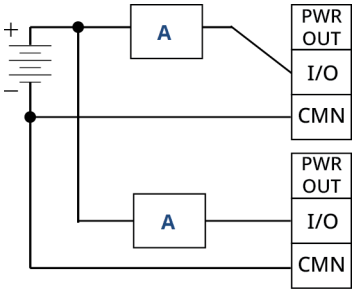
A. Load

4.4 Special considerations for multi-output circuits

Important
If more than one channel is connected to output circuits, it is very important that the CMN terminal of each circuit be at the same voltage. Employing a common ground for all output circuits is one way to ensure that all circuits have CMN terminals at the same voltage.

If two output circuits are connected to a single transmitter with a single power supply, both input/output (I/O) and common (CMN) terminals must be connected to each output circuit. The negative power supply wires must be at the same voltage and connected to both CMN terminals.

Figure 4-6: Multiple Output Circuits with One Power Supply



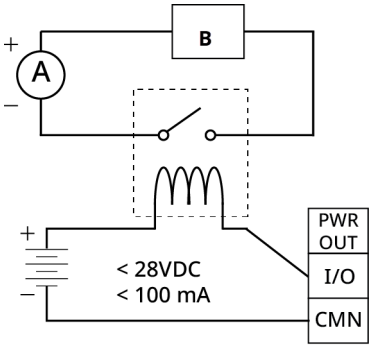
A. Load

4.5 Switching greater currents or voltages

Note
Maximum switching capacity is 28 Vdc and 100 mA per channel. If there is a need to switch to a greater voltage or current, then use an interposing relay circuit.

Figure 4-7 shows an example of a circuit to switch higher currents or voltages.

Figure 4-7: Wiring an Interposing Relay to Switch Greater Currents or Voltages



A. Power supply
B. Load

5 Mount transmitter

Emerson designed the Rosemount 802 Transmitter to be installed only in the remote mount configuration, where the sensor is mounted separately from the housing and then connected to the transmitter via conduit.

For dimensional drawings, refer to the *Dimensional drawings* section of the Rosemount 802 Wireless Multi Discrete I/O Transmitter Product Data Sheet.

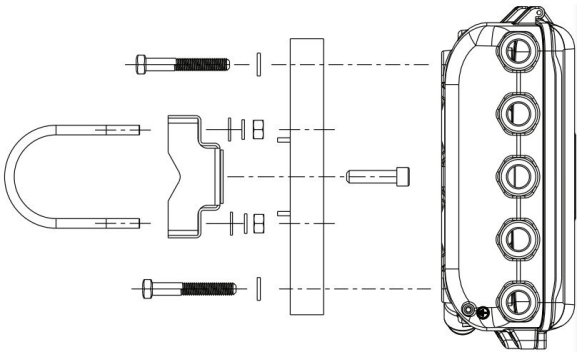
Procedure

1. Install the transmitter according to standard installation practices.

   NOTICE
   Use thread sealant on all connections.

2. To reduce sensor wiring length, mount the transmitter centrally to all of the measurements. When installing the transmitter, make sure the conduit entries are facing downward. If using the mounting bracket (option code B6), mount the transmitter to a pipe (maximum 2 in. [51 mm]).

   Figure 5-1: Transmitter Mounting Bracket (Bottom View)



Postrequisites

For additional remote mounting information, see Emerson.com/global.

6 Grounding the transmitter

The transmitter operates best with the housing grounded

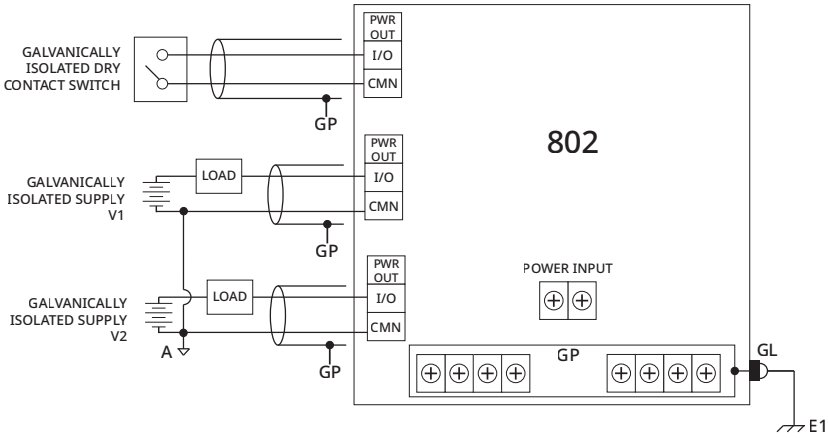
Floating systems, however, can cause extra noise that may affect the accuracy of the transmitter. If the signal appears noisy or erratic, grounding at a single point may solve the problem. Ground the transmitter through the process connection using the internal or external grounding terminal.

NOTICE

To avoid unintended ground currents in the system that may cause loss of operation or damage to the system, ensure that all power supplies and dry contact switches are galvanically isolated. Make sure that all cables entering the transmitter tie the shield at the transmitter's earth ground plate. Never connect cable shields to earth on both ends of the cable.

If two or more output circuits are connected to a single transmitter with a single power supply, both input/output (I / O) and common (CMN) terminals must be connected to each output circuit. Make sure the negative power supply wires are at the same voltage and connected to both CMN terminals.

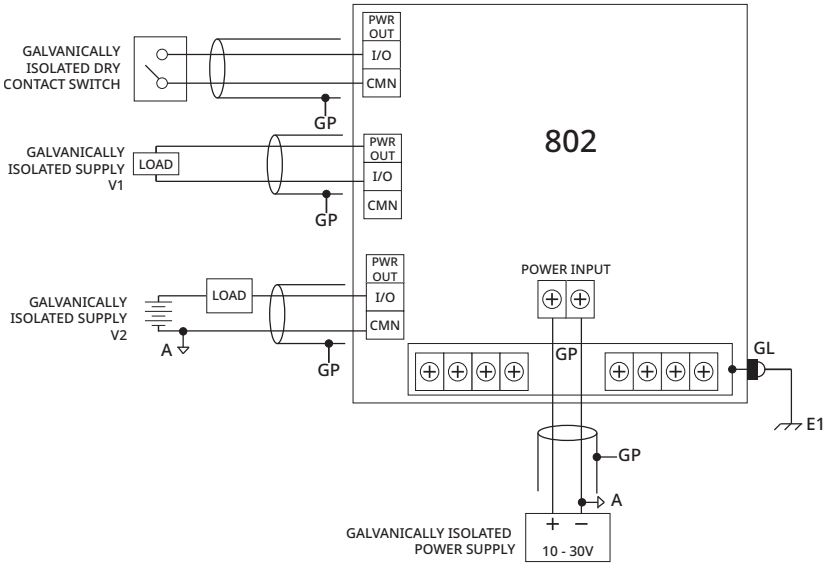
Figure 6-1: Power Module



A	Common ground
GP	Internal ground plate
GL	External ground lug
E1	Earth ground

When powering the transmitter with an external 10-30 Vdc power supply, follow the best wiring practices shown in Figure 6-2.

Figure 6-2: Externally Powered Transmitter



A	Common ground
GP	Internal ground plate
GL	External ground lug
E1	Earth ground

7 Product certifications

Revision 2.5

7.1 European Directive information

A copy of the EC Declaration of Conformity can be found at the end of the Quick Start Guide.

The most recent revision of the EC Declaration of Conformity can be found at Emerson.com/global.

7.2 Telecommunication compliance

All wireless devices require certification to ensure they adhere to regulations regarding the use of the radio frequency (RF) spectrum. Nearly every country requires this type of product certification.

Emerson is working with governmental agencies around the world to supply fully compliant products and remove the risk of violating country directives or laws governing wireless device usage.

7.3 Federal Communications Commission (FCC) and Innovation, Science, and Economic Development Canada (ISED)

FCC Notice

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following conditions:

- This device may not cause harmful interference; this device must accept any interference received, including interference that may cause undesired operation.
- This device must be installed to ensure a minimum antenna separation distance of 7.9 inches (20 cm) from all persons.

Note
Changes or modification to the equipment not expressly approved by Emerson could void the user's authority to operate the equipment.

ISED Notice

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modification to the equipment not expressly approved by Emerson could void the user's authority to operate the equipment.

L'émetteur/récepteur exempt de licence contenu dans le present appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Les changements ou les modifications apportés à l'équipement qui n'est pas expressément approuvé par Emerson pourraient annuler l'autorité de l'utilisateur à utiliser cet équipement.

Office of the National Broadcasting and Telecommunications Commission

เครื่องโทรคมนาคมและอุปกรณ์นี้มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิค ของ กสทช

NCC Taiwan

NCC ID:	CCAJ18LP34BOT2
Radio Device Name:	Wireless HART 2.4GHz
Module Brand:	Rosemount
Model Number:	RM5800

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使 用者均不得 擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射 頻器材之 使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應 立即停 用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理 法規 定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及 醫 療用電波輻射性電機設備之干擾。

Japan – MIC

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している

Brazil - Anatel

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Mexico - ATDT

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

7.4 Ordinary location certification

As standard, the transmitter has been examined and tested to determine that the design meets the basic electrical, mechanical, and fire protection requirements by a nationally recognized test laboratory (NRTL), as accredited by the Federal Occupational Safety and Health Administration (OSHA).

7.5 Installing in North America

The US National Electrical Code® (NEC) and the Canadian Electrical Code (CEC) permit the use of Division marked equipment in Zones and Zone marked equipment in Divisions.

The markings must be suitable for the area classification, gas, and temperature class. This information is clearly defined in the respective codes.

7.6 USA

7.6.1 N5 USA Division 2, Non-Incendive

Certificate	FM24US0017X
Markings	NI Class I, Division 2, Groups A, B, C, D T4 (-50 °C ≤ Ta ≤ +70 °C)

Field wiring shall be rated for +172 °F (+78 °C).

Enclosure Type 4X/IP66

Specific Conditions for Safe Use (X):

Only the Emerson SmartPower™ 701PBKKF shall be used for replacement.

7.7 Canada

7.7.1 N6 Canada Division 2, Non-Incendive

Certificate	FM24CA0008X
Markings	NI Class I, Division 2, Groups A, B, C, D T4 (-50 °C ≤ Ta ≤ +70 °C)

Field wiring shall be rated for +172 °F (+78 °C).

Enclosure Type 4X/IP66

Specific Conditions for Safe Use (X):

Only the Emerson SmartPower™ 701PBKKF shall be used for replacement.

7.8 Europe

7.8.1 N1 ATEX Zone 2 Intrinsically Safe (IS)

Certificate	FM24ATEX0028X
Markings	Ex ic IIC T4 Gc; T_{amb} -50 °C to +70 °C ⟨Ex⟩ II 3 G

⚠ WARNING

For use with Emerson SmartPower™ 701PBKKF or 10-30 V, 805 mA maximum external supply

⚠ WARNING

Explosion hazard

Do not open when energized.

Field wiring shall be rated for +172 °F (+78 °C).

IP66

For entity parameters, see tables below.

Specific Conditions for Safe Use (X):

1. The surface of the Rosemount 802 Wireless Discrete Transmitter enclosure may cause risk from electrostatic discharge. Avoid installation that could cause electrostatic build-up, and only clean with a damp cloth.
2. The 802 Wireless Discrete Transmitter shall only use the certified Emerson Model 701PBKKF Smart Power Battery Pack when power is supplied internally.

7.9 International

7.9.1 N7 IECEx Zone 2 Intrinsically Safe (IS)

Certificate	IECEx FMG 24.033X
Markings	Ex ic IIC T4 Gc; T_{amb} -50 °C to +70 °C

⚠ WARNING

For use with Emerson SmartPower™ 701PBKKF or 10 to 30 V, 805 mA maximum external supply

⚠ WARNING

Explosion hazard

Do not open when energized.

Field wiring shall be rated for +172 °F (+78 °C).

IP66

For entity parameters, see tables below.

Specific Conditions for Safe Use (X):

1. The surface of the Rosemount 802 Wireless Discrete Transmitter enclosure may cause risk from electrostatic discharge. Avoid installation that could cause electrostatic build-up, and only clean with a damp cloth.
2. The 802 Wireless Discrete Transmitter shall only use the certified Emerson Model 701PBKKF Smart Power Battery Pack when power is supplied internally.

Power terminals

Gas group	Ui	Ii	Pi	Ci	Li
IIC	26 V	215 mA	1.4 W	1.034 nF	0
	16.9 V	805 mA	3.4 W	1.034 nF	0
IIB	30 V	379 mA	2.84 W	1.034 nF	0
	26 V	536 mA	3.48 W	1.034 nF	0
	16.9 V	805 mA	3.4 W	1.034 nF	0
IIA	30 V	510 mA	3.83 W	1.034 nF	0
	26 V	700 mA	4.55 W	1.034 nF	0
	16.9 V	805 mA	3.4 W	1.034 nF	0

Sensor terminals when externally powered by a barrier

Gas group	Uo = Ui	Io = Ii	Po = Pi	Co	Lo
IIC	26 V	215 mA	1.4 W	247 nF	1.67 mH
	16.9 V	805 mA	3.4 W	1.69 µF	69.05 µH
IIB	30 V	379 mA	2.84 W	481 nF	2.17 mH
	26 V	536 mA	3.48 W	1.12 µF	1.05 mH
	16.9 V	805 mA	3.4 W	11.37 µF	439.41 µH
IIA	30 V	510 mA	3.83 W	4.57 µF	4.4 mH
	26 V	700 mA	4.55 W	7.57 µF	2.17 mH
	16.9 V	805 mA	3.4 W	51 µF	933.2 µH

Sensor terminals when internally powered by a battery

Gas group	Uo per channel	Io per channel	Po per channel	Co per channel	Lo per channel
IIC	3.366 V	3.4 mA	2.86 mW	99.99 µF	6.92 H
IIB	3.366 V	3.4 mA	2.86 mW	999 µF	27.67 H
IIA	3.366 V	3.4 mA	2.86 mW	999 µF	55.35 H
Gas group	**Uo combined channels**	**Io combined channels**	**Po combined channels**	**Co combined channels**	**Lo combined channels**
IIC	3.366 V	27.2 mA	22.88 mW	99.99 µF	108.13 mH
IIB	3.366 V	27.2 mA	22.88 mW	999 µF	432.52 mH
IIA	3.366 V	27.2 mA	22.88 mW	999 µF	865.05 mH

7.10 Brazil

7.10.1 N2, INMETRO, Intrinsically Safe (IS)

Certificate: UL-BR 25.0493X (Shakopee)
UL-BR 25.0494X (Singapore)

Markings: Ex ic IIC T4 Gc; T_{amb} = –50 °C to +70 °C

⚠ WARNING

For use with Emerson SmartPower™ 701PBKKF or 10-30 V, 805 mA maximum external supply.

⚠ WARNING

Explosion hazard

Death or serious injury

Do not open when energized.

Field wiring shall be rated for +172 °F (+78 °C).

IP66

For entity parameters, see tables below.

Special Conditions for Safe Use (X):

1. The surface of the Rosemount 802 Wireless Discrete Transmitter enclosure may cause risk from electrostatic discharge. Avoid installation that could cause electrostatic build-up, and only clean with a damp cloth.
2. The Rosemount 802 Wireless Discrete Transmitter shall only use the certified Emerson Model 701PBKKF SmartPower Battery Pack when power is supplied internally.

Power terminals

Gas group	Ui	Ii	Pi	Ci	Li
IIC	26 V	215 mA	1.4 W	1.034 nF	0

Gas group	Ui	Ii	Pi	Ci	Li
	16.9 V	805 mA	3.4 W	1.034 nF	0
IIB	30 V	379 mA	2.84 W	1.034 nF	0
	26 V	536 mA	3.48 W	1.034 nF	0
	16.9 V	805 mA	3.4 W	1.034 nF	0
IIA	30 V	510 mA	3.83 W	1.034 nF	0
	26 V	700 mA	4.55 W	1.034 nF	0
	16.9 V	805 mA	3.4 W	1.034 nF	0

Sensor terminals when externally powered by a barrier

Gas group	Uo = Ui	Io = Ii	Po = Pi	Co	Lo
IIC	26 V	215 mA	1.4 W	247 nF	1.67 mH
	16.9 V	805 mA	3.4 W	1.69 µF	69.05 µH
IIB	30 V	379 mA	2.84 W	481 nF	2.17 mH
	26 V	536 mA	3.48 W	1.12 µF	1.05 mH
	16.9 V	805 mA	3.4 W	11.37 µF	439.41 µH
IIA	30 V	510 mA	3.83 W	4.57 µF	4.4 mH

Gas group	Uo = Ui	Io = Ii	Po = Pi	Co	Lo
	26 V	700 mA	4.55 W	7.57 µF	2.17 mH
	16.9 V	805 mA	3.4 W	51 µF	933.2 µH

Sensor terminals when internally powered by a battery

Gas group	Uo per channel	Io per channel	Po per channel	Co per channel	Lo per channel
IIC	3.366 V	3.4 mA	2.86 mW	99.99 µF	6.92 H
IIB	3.366 V	3.4 mA	2.86 mW	999 µF	27.67 H
IIA	3.366 V	3.4 mA	2.86 mW	999 µF	55.35 H
Gas group	**Uo combined channels**	**Io combined channels**	**Po combined channels**	**Co combined channels**	**Lo combined channels**
IIC	3.366 V	27.2 mA	22.88 mW	99.99 µF	108.13 mH
IIB	3.366 V	27.2 mA	22.88 mW	999 µF	432.52 mH
IIA	3.366 V	27.2 mA	22.88 mW	999 µF	865.05 mH

7.11 Japan

7.11.1 N4 CML Intrinsic Safety (IS)

Certificate: CML25JPN2164X

Markings: Ex ic IIC T4 Gc (T_{amb} -50 °C to +70 °C)

Special Condition for Safe Use (X):

See certificate for special conditions.

8 Declaration of Conformity

EMERSON.

EU DECLARATION OF CONFORMITY

CE
RMD 1168-AC

This declaration of conformity is issued under the sole responsibility of

Rosemount Inc.
6021 Innovation Blvd
Shakopee, MN 55379
USA

that the following products,

Rosemount ™ 802 Smart Wireless Multi Discrete I/O Transmitter

comply with the provisions of the European Union Directives, including the latest amendments, valid at the time this declaration was signed.

July 30, 2025 | Mark Lee | Vice President, Quality | Shakopee, MN, USA
(signature & date of issue) | (name) | (function) | (place of issue)

Authorized Representative in Europe:
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ATEX Notified Bodies for EU Type Examination Certificates:
FM Approvals Euro Ltd. [Notified Body Number: 2809]
One Georges Quay Plaza
Dublin, D02, E440
Ireland

ATEX Notified Body for Quality Assurance:
SGS Fimko Oy [Notified Body Number: 0598]
Takomotie 8
FI-00380 Helsinki
Finland

EMC Directive (2014/30/EU)
Other Standards:
EN 61326-1: 2021
EN 301 489-1 V2.2.3
EN 301 489-17 V3.2.4

RED Directive (2014/53/EU)
Harmonized Standards:
EN 300 328 V2.2.2
EN 18031-1:2024

Low Voltage (2014/35/EU)
Harmonized Standards:
EN 61010-1: 2010
EN 62311: 2008
Other Standards:
EN 62311: 2020

ATEX Directive (2014/34/EU)
FM24ATEX0028X – Intrinsic Safety Certificate
Equipment Group II, Category 3 G
Ex ic IIC T4 Gc
Harmonized Standards:
EN IEC 60079-0:2018
EN 60079-11:2012
Other Standards:
EN 60529-1991+A1:2000+A2:2013

Quick Start Guide
MS-00825-0100-4082, Rev. AE
October 2025

For more information: **Emerson.com/global**

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