Quick Start Guide
00825-0100-4951, Rev BE
November 2024

Rosemount™ 1067

Temperature Sensor

ROSEMOUNT™

EMERSON.

Safety messages

⚠ WARNING

Explosions could result in death or serious injury.

When installing this device in an explosive environment, ensure that the installation is in accordance with the appropriate local, national, and international standards, codes, and practices.

⚠ WARNING

Conduit/cable entries

Unless marked otherwise, the conduit/cable entries in the transmitter housing use a ½-in - 14 NPT thread form. Entries marked "M20" are M20 1.5 thread form.

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

Only use plugs, adapters, glands, or conduits with compatible thread forms when closing these entries.

⚠ 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

Complications can arise when sensors and the transmitters to which they are assembled are certified as compatible, but have unique approvals. Be aware of the following situation:

- If an I.S. approved Rosemount 1067 is ordered with a housing, a transmitter enclosed in that housing may have a different I.S. approval rating. Refer to the transmitter IS certificate if applicable.
- If a sensor and transmitter have different certifications, or if either has more certifications than the other, installation must comply with the most restrictive requirements of either component. This is especially (but not exclusively) relevant when combination approvals are ordered on either the sensor or transmitter. Review certifications on both the sensor and transmitter for installation requirements and ensure installation of the sensor/transmitter assembly complies with a single certification that is shared by both of these components and that meets the requirements of the application.

NOTICE

Refer to the Product certifications section of this Quick Start Guide.

⚠ WARNING

Refer to the *Product certifications* section of this Quick Start Guide documentation when using the RFID tag (option code Y3) for required installation conditions.

Contents

1 About this guide

This guide provides basic guidelines for Rosemount 1067 Sensors. It does not provide instructions for configuration, diagnostics, maintenance, service, troubleshooting, explosion-proof, flameproof, or intrinsically safe (I.S.) installations.

If the Rosemount 1067 was ordered assembled to a temperature transmitter, see the appropriate transmitter Quick Start Guide for information on configuration and hazardous locations certifications.

2 Wiring diagrams

Figure 2-1: Lead wire configuration

Flying leads termination code 0 | Terminal block termination code 2

Single element | Dual element | Single element | Dual element

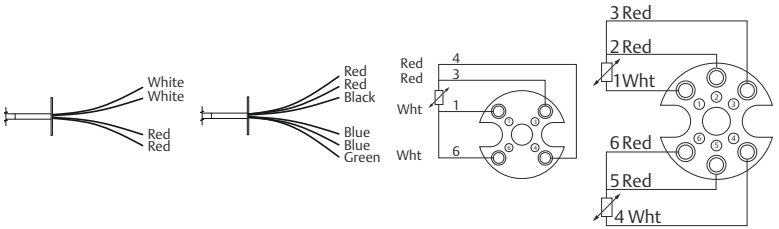


Figure 2-2: Thermocouple lead wire configuration

Flying leads termination code 0 | Terminal block termination code 2

Single element | Dual element | Single element | Dual element

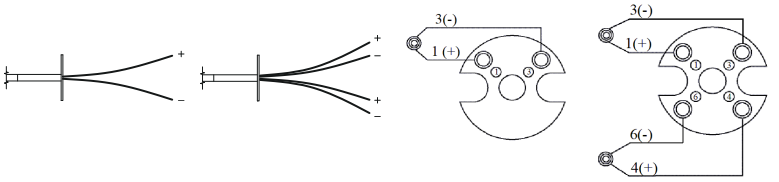


Table 2-1: Thermocouple wire colors

	IEC wire color		ISA wire color	
Type	**Positive (+)**	**Negative (-)**	**Positive (+)**	**Negative (-)**
E	Violet	White	Violet	Red
J	Black	White	White	Red
K	Green	White	Yellow	Red
N	Rose	White	Orange	Red
R	Orange	White	Black	Red
S	Orange	White	Black	Red

Table 2-1: Thermocouple wire colors *(continued)*

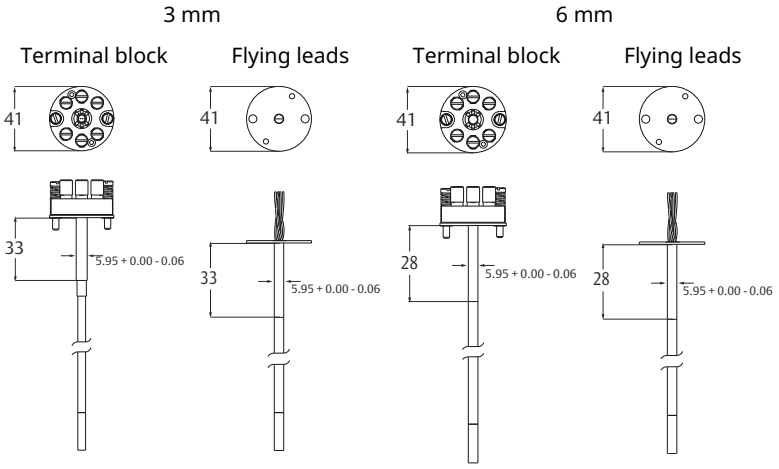
	IEC wire color		ISA wire color	
T	Brown	White	Blue	Red

Table 2-2: Lead wire specifications

Element	Sensor diameter - mm	Number of leads	Approximate lead wire length (flying leads)	
			Element 1 (in mm)	Element 2 (in mm)
RTD single element	3 and 6	4	140	N/A
RTD dual element	3 and 6	6	140	140
Thermocouple single element	3 and 6	2	140	N/A
Thermocouple dual element	3 and 6	4	140	140

3 Dimensional drawings

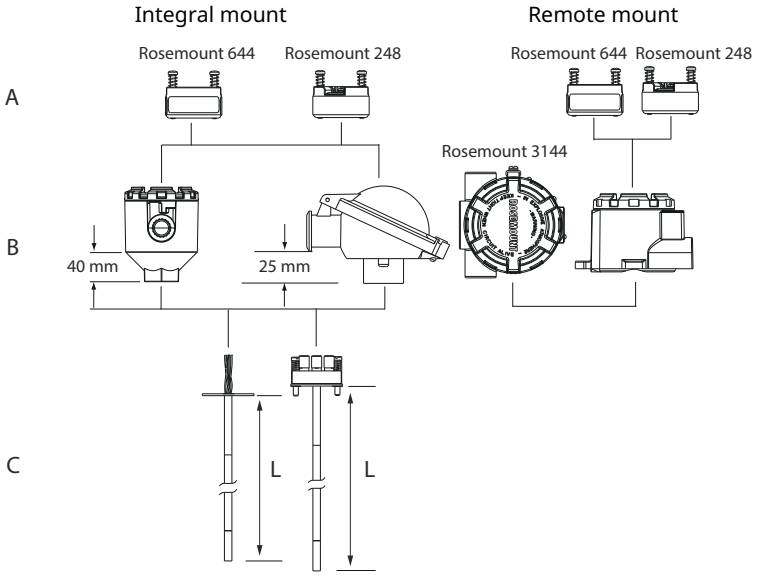
Figure 3-1: Rosemount 1067 RTD and Thermocouple



Dimensions are in millimeters.

3.1 Sensor assembly

Figure 3-2: Sensor Assembly



A. Head or field mount transmitters
B. Connection heads
C. Sensor with flying leads, terminal block

Note
Sensor assemblies can be provided without an enclosure or with an enclosure such as the connection heads shown above or assembled to a Rosemount transmitter.

4 Specifications

4.1 Material selection

Emerson provides a variety of Rosemount product with various product options and configurations including materials of construction that can be expected to perform well in a wide range of applications. The Rosemount product information presented is intended as a guide for the purchaser to make an appropriate selection for the application. It is the purchaser's sole responsibility to make a careful analysis of all process parameters (such as all chemical components, temperature, pressure, flow rate, abrasives, contaminants, etc.), when specifying product, materials, options and components for the particular application. Emerson is not in a position to evaluate or guarantee the compatibility of the process fluid or other process parameters with the product, options, configuration or materials of construction selected.

4.2 Rosemount 1067 Platinum RTD

100 Ω RTD at 0 °C, α = 0.00385 Ω/Ω × °C

Temperature range

–196 to 300 °C (–320.8 to 572 °F)

Insulation resistance

1,000 MΩ minimum insulation resistance when measured at 500 Vdc and at room temperature.

Sheath material

316 SST/321 SST with mineral-insulated cable construction

Lead wire

PTFE insulated, 24 AWG, silver-plated copper wire. See Figure 2-1 for wire configuration.

Ingress Protection (IP) ratings

Table 4-1: IP Ratings

Option code	IP rating
B, D, H, F, G, L, M, Q, U, V, W, Y	66/68
C	65

Self heating

0.15 K/mW when measured per method defined in DIN EN 60751:1996

Thermal response time

Thermal response times for the 1067 sensor only. Tested in accordance to IEC 751 guidelines.

Table 4-2: Water Flowing at 0.4 m/s

Sensor	Pt 100	TC grounded	TC ungrounded	Deviation
	t(0.5) [s]	t(0.5) [s]	t(0.5) [s]	
6-mm dia.	7.7	1.8	2.8	± 10%
3-mm dia.	2.5	1.1	1.2	± 10%

Table 4-3: Air Flowing at 3.0 m/s

Sensor	Pt 100	TC grounded	TC ungrounded	Deviation
	t(0.5) [s]	t(0.5) [s]	t(0.5) [s]	
6-mm dia.	35	38	42	± 10%
3-mm dia.	18	14	14	± 10%

More response time information is available online for other sensor and thermowell configurations

4.3 Rosemount 1067 Thermocouple

Temperature range

See Table 4-4 and Table 4-5.

Insulation resistance

1,000 MΩ minimum insulation resistance when measured at 500 Vdc and at room temperature.

Sheath material

Rosemount thermocouples are made of a mineral insulated cable design wit h a variety of sheath materials available to suit both the temperature and the environment. For temperature up to 800 °C (1472 °F) in air, the sheath is made from 321 SST. For temperatures above 800 °C (1472 °F) in air, the sheath is made from Alloy 600.

For strongly oxidizing or reducing atmospheres, consult your local Emerson representative for information.

Lead wires

Thermocouple, internal – 19 AWG solid wire (max) and 21 AWG solid wire (min.). External extension leads, Type E, J, K, N, R, S, and T. PTFE insulated. 20 AWG (max.) and 24 AWG (min.) Color coded per IEC or ISA standards. Figure 2-2 shows the wire configuration.

Ingress Protection (IP) ratings

For information see Table 4-1.

Table 4-4: Characteristics of 1067 IEC Thermocouples (IEC Standards are Typically Used in European Applications)

Type	Wire alloys	Sheath material	Temperature range	Interchange-ability error IEC 60584-2(1)	Accuracy
E	Chromel/ Constantan	321 SST	-40 to 800 °C (-40 to 1472 °F)	±1.5 °C (±2.7 °F) or ±0.4%	Class 1
J	Iron/ Constantan	321 SST	-40 to 750 °C (-40 to 1382 °F)	±1.5 °C (±2.7 °F) or ±0.4%	Class 1
K	Chromel/ Alumel	Alloy 600	-40 to 1000 °C (-40 to 1832 °F)	±1.5 °C (±2.7 °F) or ±0.4%	Class 1
N	Nicrosil/ Nisil	Alloy 600	-40 to 1000 °C (-40 to 1832 °F)	±1.5 °C (±2.7 °F) or ±0.4%	Class 1
R	Platinum-13% Rhodium/ Platinum	Alloy 600	0 to 1000 °C (32 to 1832 °F)	±1.0 °C (±1.8 °F) or ±(1+0.3% x [t-1100]) °C	Class 1
S	Platinum-10% Rhodium/ Platinum	Alloy 600	0 to 1000 °C (32 to 1832 °F)	±1.0 °C (±1.8 °F) or ±(1+0.3% x [t-1100]) °C	Class 1
T	Copper/ Constantan	321 SST	-40 to 350 °C (-40 to 662 °F)	±0.5 °C (±1.0 °F) or ±0.4%	Class 1

(1) Whichever is greater.

Table 4-5: Characteristics of 1067 ASTM Thermocouples (ASTM Standards are Typically Used in North American Applications)

Type	Wire alloys	Sheath material	Temperature range (°C)	Interchange-ability error ASTM E230(1)	Accuracy
E	Chromel/ Constantan	321 SST	0 to 900 °C (32 to 1652 °F)	±1.0 °C (±1.8 °F) or ±0.4%	Special limits
J	Iron/ Constantan	321 SST	0 to 750 °C (32 to 1382 °F)	±1.1 °C (±2.0 °F) or ±0.4%	Special limits
K	Chromel/ Alumel	Alloy 600	0 to 1000 °C (32 to 1832 °F)	±1.1 °C (±2.0 °F) or ±0.4%	Special limits
N	Nicrosil/ Nisil	Alloy 600	0 to 1000 °C (32 to 1832 °F)	±1.1 °C (±2.0 °F) or ±0.4%	Special limits
R	Platinum-13% Rhodium/ Platinum	Alloy 600	0 to 1000 °C (32 to 1832 °F)	±0.6 °C (±1.0 °F) or ±0.1%	Special limits
S	Platinum-10% Rhodium/ Platinum	Alloy 600	0 to 1000 °C (32 to 1832 °F)	±0.6 °C (±1.0 °F) or ±0.1%	Special limits
T	Copper/ Constantan	321 SST	0 to 350 °C (32 to 662 °F)	±0.5 °C (±1.0 °F) or ±0.4%	Special limits

(1) Whichever is greater.

4.4 Functional specifications

Power	Overvoltage category I
Environmental	Pollution degree 4

5 Product certifications

Rev 2.4

5.1 European Directive Information

A copy of the EU Declaration of Conformity can be found at the end of the Quick Start Guide. The most recent revision of the EU Declaration of Conformity can be found at Emerson.com/Rosemount.

5.2 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).

5.3 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.

5.3.1 USA

E5 US Explosion proof, Dust-Ignition proof

Certificate	FM17US0170X
Standards	FM Class 3600: 2011; FM Class 3611: 2004; FM Class 3615: 2006; FM Class 3810: 2005; ANSI/NEMA® - 250: 1991
Markings	XP CL I, Div 1, GP B, C, D; DIP CL II/III, Div 1, GP E, F, G; T5(–50 °C≤ T_a ≤ 85 °C); when installed per Rosemount drawing 00068-0013; Type 4X

5.3.2 Canada

E6 Canada Explosion proof and Dust-Ignition proof

Certificate	70044744
Standards	CAN/CSA C22.2 No. 0:2010, CAN/CSA No. 25-1966 (R2000), CAN/CSA C22.2 No. 30-M1986 (R2012), CAN/CSA C22.2 No. 94-M1991 (R2011), CAN/CSA C22.2 No. 61010-1:2012

Markings XP CL I, DIV 1, GP B, C, D; DIP CL II, DIV 1, GP E, F, G; CL III; T6 (–50 °C ≤ T_a ≤ +80 °C), T5 (–50 °C ≤ T_a ≤ +95 °C); Seal not required; installed per Rosemount drawing 00068-0033; Type 4X and IP 66/67; Vmax 35 VDC, 750 mWmax

5.4 Europe

5.4.1 E1 ATEX Flameproof

Certificate FM12ATEX0065X

Standards EN 60079-0: 2012+A11:2013, EN 60079-1: 2014, EN 60529:1991 +A1:2000+A2:2013

Markings  II 2 G Ex db IIC T6...T1 Gb; T6...T1: T_a = –50 °C to + 40 °C; T5...T1: T_a= –50 °C to +60 °C

See Process temperature limits for process temperatures.

Special Conditions for Safe Use (X):

1. See certificate for ambient temperature range.
2. The non-metallic label may store an electrostatic charge and become a source of ignition in Group III environments
3. Guard the LCD display cover against impact energies greater than 4 joules.
4. Flameproof joints are not intended for repair.
5. A suitable certified Ex d or Ex tb enclosure is required to be connected to temperature probes with Enclosure option “N”.
6. Care shall be taken by the end user to ensure that the external surface temperature on the equipment and the neck of DIN Style Sensor probe does not exceed 130 °C.
7. Non-Standard Paint options may cause risk from electrostatic discharge. Avoid installations that cause electrostatic build-up on painted surfaces, and only clean the painted surfaces with a damp cloth. If paint is ordered through a special option code, contact the manufacturer for more information.

5.4.2 ND ATEX Dust

Certificate: FM12ATEX0065X

Standards: EN 60079-0: 2012+A11:2013, EN 60079-31:2014, EN 60529:1991 +A1:2000+A2:2013

Markings: II 2 D Ex tb IIIC T130 °C Db T_a= –40 °C to +70 °C; IP66

See Process temperature limits for process temperatures.

Special Conditions for Safe Use (X):

1. See certificate for ambient temperature range.
2. The non-metallic label may store an electrostatic charge and become a source of ignition in Group III environments.
3. Guard the LCD display cover against impact energies greater than 4 joules.
4. Flameproof joints are not intended for repair.
5. A suitable certified Ex db or Ex tb enclosure is required to be connected to temperature probes with Enclosure option "N".
6. Care shall be taken by the end user to ensure that the external surface temperature on the equipment and the neck of DIN Style Sensor probe does not exceed 130 °C.
7. Non-Standard Paint options may cause risk from electrostatic discharge. Avoid installations that cause electrostatic build-up on painted surfaces, and only clean the painted surfaces with a damp cloth. If paint is ordered through a special option code, contact the manufacturer for more information.

5.4.3 I1 ATEX Intrinsic Safety

Certificate: Baseefa16ATEX0101X

Standards: EN 60079-0:2012+A11:2013, EN 60079-11:2012

Markings: II 1 G Ex ia IIC T5/T6 Ga (SEE CERTIFICATE FOR SCHEDULE)

Thermocouples; P_i = 500 mW	T6 –60 °C ≤ T_a ≤ +70 °C
RTDs; P_i = 192 mW	T6 –60 °C ≤ T_a ≤ +70 °C
RTDs; P_i = 290 mW	T6 –60 °C ≤ T_a ≤ +60 °C
	T5 –60 °C ≤ T_a ≤ +70 °C

Special Conditions for Safe Use (X):

The equipment must be installed in an enclosure which affords it a degree of ingress protection of at least IP20.

5.5 International

5.5.1 E7 IECEx Flameproof

Certificate: IECEx FMG 12.0022X

Standards: IEC 60079-0:2011, IEC 60079-1:2014

Markings: Ex db IIC T6...T1 Gb; T6...T1: T_a= –50 °C to +40 °C; T5...T1: T_a= –50 °C to +60 °C

See Process temperature limits for process temperatures.

Special Conditions for Safe Use (X):

1. See certificate for ambient temperature range.
2. The non-metallic label may store an electrostatic charge and become a source of ignition in Group III environments.
3. Guard the LCD display cover against impact energies greater than 4 joules.
4. Flameproof joints are not intended for repair.
5. A suitable certified Ex d or Ex tb enclosure is required to be connected to temperature probes with Enclosure option "N".
6. Care shall be taken by the end user to ensure that the external surface temperature on the equipment and the neck of DIN Style Sensor probe does not exceed 130 °C.
7. Non-Standard Paint options may cause risk from electrostatic discharge. Avoid installations that cause electrostatic build-up on painted surfaces, and only clean the painted surfaces with a damp cloth. If paint is ordered through a special option code, contact the manufacturer for more information.

5.5.2 NK IECEx Dust-Ignitionproof

Certificate: IECEx FMG 12.0022X

Standards: IEC 60079-0:2011, IEC 60079-1:2013

Markings: Ex tb IIIC T130 °C Db T_a= –40 °C to +70 °C; IP66

See Process temperature limits for process temperatures.

Special Conditions for Safe Use (X):

1. See certificate for ambient temperature range.

2. The non-metallic label may store an electrostatic charge and become a source of ignition in Group III environments
3. Guard the LCD display cover against impact energies greater than 4 joules.
4. Flameproof joints are not intended for repair.
5. A suitable certified Ex db or Ex tb enclosure is required to be connected to temperature probes with Enclosure option "N".
6. Care shall be taken by the end user to ensure that the external surface temperature on the equipment and the neck of DIN Style Sensor probe does not exceed 130 °C.
7. Non-Standard Paint options may cause risk from electrostatic discharge. Avoid installations that cause electrostatic build-up on painted surfaces, and only clean the painted surfaces with a damp cloth. If paint is ordered through a special option code, contact the manufacturer for more information.

5.5.3 I7 IECEx Intrinsic Safety

Certificate: IECEx BAS 16.0077X

Standards: IEC 60079-0: 2011, IEC 60079-11:2011

Markings: Ex ia IIC T5/T6 Ga (SEE CERTIFICATE FOR SCHEDULE)

Thermocouples; P_i = 500 mW	T6 –60 °C ≤ T_a ≤ +70 °C
RTDs; P_i = 192 mW	T6 –60 °C ≤ T_a ≤ +70 °C
RTDs; P_i = 290 mW	T6 –60 °C ≤ T_a ≤ +60 °C
	T5 –60 °C ≤ T_a ≤ +70 °C

Special Conditions for Safe Use (X):

The equipment must be installed in an enclosure which affords it a degree of ingress protection of at least IP20

5.5.4 E2 Brazil Flameproof and Dust-Ignitionproof

Certificate: UL-BR 13.0535X

Standards: ABNT NBR IEC 60079-0:2013, ABNT NBR IEC 60079-1:2016, ABNT NBR IEC 60079-31:2014

Markings: Ex db IIC T6...T1 Gb; T6...T1: T_a= –50 °C to +40 °C; T5...T1: T_a= –50 °C to +60 °C; Ex tb IIIC T130 °C Db IP66; (–40 °C ≤ T_a ≤ +70 °C)

Special Conditions for Safe Use (X):

1. See product description for ambient temperature limits and process temperature limits.
2. The non-metallic label may store an electrostatic charge and become a source of ignition in Group III environments.
3. Guard the LCD display cover against impact energies greater than 4 joules.
4. Consult the manufacturer if dimensional information on the flameproof joints is necessary.
5. A suitable certified Ex “d” or Ex “tb” enclosure is required to be connected to temperature sensors with Enclosure option "N".
6. Care shall be taken by the end user to ensure that the external surface temperature on the equipment and the neck of DIN Style Sensor probe does not exceed 130 °C.
7. For all equipment, non-standard paint options may cause risk from electrostatic discharge. Avoid installations that cause electrostatic build-up on painted surfaces, and only clean the painted surfaces with a damp cloth. If paint is ordered through a special option code, contact the manufacturer for more information.

5.6 Process temperature limits

Table 5-1: Sensor Only (No Transmitter Installed)

	Process temperature (˚C)						
	Gas						Dust
	T6	T5	T4	T3	T2	T1	T130 ˚C
Any extension length	85	100	135	200	300	450	130

Table 5-2: Transmitter

	Process temperature (˚C)						
	Gas						Dust
	T6	T5	T4	T3	T2	T1	T130 ˚C
No extension	55	70	100	170	280	440	100
3-in. extension	55	70	110	190	300	450	110
6-in. extension	60	70	120	200	300	450	110

Table 5-2: Transmitter *(continued)*

9-in. extension	65	75	130	200	300	450	120

Adhering to the process temperature limitations of Table 5-3 will ensure that the service temperature limitations of the LCD display cover are not exceeded. Process temperatures may exceed the limits defined in Table 5-3 if the temperature of the LCD display cover is verified to not exceed the service temperatures in Table 5-4 and the process temperatures do not exceed the values specified in Table 5-2.

Table 5-3: Transmitter with LCD Display Cover

	Process temperature (˚C)			
	Gas			Dust
	T6	T5	T4...T1	T130 ˚C
No extension	55	70	95	95
3-in. extension	55	70	100	100
6-in. extension	60	70	100	100
9-in. extension	65	75	110	110

Table 5-4: Transmitter with LCD Display Cover

Service temperature (˚C)			
Gas			Dust
T6	T5	T4...T1	T130 ˚C
65	75	95	95

5.7 Y3 ATEX/IECEx RFID tag approvals

Certificate IECEx EPS 15.0042X, EPS 15 ATEX 1 1011 X

Markings II 2G Ex ia IIC T6/T4 Gb, II 2D Ex ia IIC T80/T130C Db

Conditions of certification

Maximum operating temperature: -58 °F (-50 °C) to +158 °F (+70 °C)

The RFID tags shall never be exposed to high electromagnetic field strengths according to IEC 60079-14.

Electrostatic charges shall be avoided. The tags shall never be used next to strong charge generating processes.

⚠ WARNING

Additional warnings

The plastic enclosure may present a potential electrostatic ignition hazard.

RFID tag has limitations in ambient temperature and zone installation areas (Zones 1 & 21) as compared to the gauge.

6 Declaration of Conformity

EMERSON

EU Declaration of Conformity

No: RMD 1059 Rev. Q

CE

We,

Rosemount, Inc.
6021 Innovation Boulevard
Shakopee, MN 55379-4676
USA

declare under our sole responsibility that the product,

Rosemount™ Model 1067 Temperature Sensor

manufactured by,

Rosemount, Inc.
6021 Innovation Boulevard
Shakopee, MN 55379-4676
USA

to which this declaration relates, is in conformity with the provisions of the European Union Directives, including the latest amendments, as shown in the attached schedule.

Assumption of conformity is based on the application of the harmonized standards and, when applicable or required, a European Union notified body certification, as shown in the attached schedule.

(signature)	Vice President of Global Quality (function)
Mark Lee (name)	December 21, 2021 (date of issue)

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EU Declaration of Conformity

No: RMD 1059 Rev. Q

CE

ATEX Directive (2014/34/EU)

FM12ATEX0065X - Flameproof Certificate

Equipment Group II Category 2 G (Ex db IIC T6…T1 Gb)

Harmonized Standards:

EN 60079-0:2012+A11:2013 (a review against EN IEC 60079-0:2018, which is harmonized, shows no significant changes relevant to this equipment so EN 60079-0:2012+A11:2013 continues to represent "State of the Art"),
EN 60079-1:2014

FM12ATEX0065X - Dust Certificate

Equipment Group II Category 2 D (Ex tb IIIC T130°C Db)

Harmonized Standards:

EN 60079-0:2012+A11:2013 (a review against EN IEC 60079-0:2018, which is harmonized, shows no significant changes relevant to this equipment so EN 60079-0:2012+A11:2013 continues to represent "State of the Art"),
EN 60079-31:2014

Baseefa16ATEX0101X - Intrinsic Safety Certificate

Equipment Group II Category 1 G (Ex ia IIC T5/T6 Ga)

Harmonized Standards:

EN IEC 60079-0:2018, EN 60079-11:2012

RoHS Directive (2011/65/EU)

Harmonized Standard: EN 50581:2012

ATEX Notified Bodies

FM Approvals [Notified Body Number: 1725]
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA

SGS FIMKO OY [Notified Body Number: 0598]
Takomotie 8
00380 HELSINKI
Finland

ATEX Notified Body for Quality Assurance

SGS FIMKO OY [Notified Body Number: 0598]
Takomotie 8
00380 HELSINKI
Finland

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7 China RoHS

罗斯蒙特产品型号 1067
2/9/2021

含有China RoHS管控物质超过最大浓度限值的部件型号列表 1067 Temperature Sensor
List of 1067 Temperature Sensor Parts with China RoHS Concentration above MCVs

部件名称 Part Name	有害物质 / Hazardous Substances					
	铅 Lead (Pb)	汞 Mercury (Hg)	镉 Cadmium (Cd)	六价铬 Hexavalent Chromium (Cr +6)	多溴联苯 Polybrominated biphenyls (PBB)	多溴联苯醚 Polybrominated diphenyl ethers (PBDE)
壳体组件 Housing Assembly	O	O	O	O	O	O
传感器组件 Sensor Assembly	O	O	O	O	O	O

本表格系依据SJ/T11364的规定而制作.
This table is proposed in accordance with the provision of SJ/T11364.

O: 意为该部件的所有均质材料中该有害物质的含量均低于GB/T 26572所规定的限量要求.
O: Indicate that said hazardous substance in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.

X: 意为在该部件所使用的所有均质材料里，至少有一类均质材料中该有害物质的含量高于GB/T 26572所规定的限量要求.
X: Indicate that said hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement of GB/T 26572.

部件名称 Part Name	组装备件说明 Spare Parts Descriptions for Assemblies
壳体组件 Housing Assembly	电子外壳 Electrical Housing

Quick Start Guide
00825-0100-4951, Rev. BE
November 2024

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

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