

Infrared Remote Control (IRC)

For Rosemount™ 5081 Transmitter



Contents

Instructions..... 3

Rosemount™ Infra-Red Remote Control (IRC) Product Certifications..... 4

Declaration of Conformity..... 7

1 Instructions

Note the following when using the Rosemount Infrared Remote Control (IRC) - PN 24479-00:

- Do not use harsh chemicals or abrasive brushes when cleaning the remote control.
- If the green LED does not light up when you press a key, a weak battery is the probable cause. To restore operation, remove four screws to access and replace the two batteries. Observe warning messages posted at the rear of the remote control.
- Requires two 1.5 V AAA batteries. If used in hazardous areas, replacement batteries must be Energizer E92/EN92 or Duracell MN2400/PC2400.
- All functions for remote control PN 24479-00 are the same as those of the previous remote control PN 23572-00.

2 Rosemount™ Infra-Red Remote Control (IRC) Product Certifications

1.1

2.1 Directive information

A copy of the Declaration of Conformity can be found at the end of the Quick Start Guide. The most recent revision of the Declaration of Conformity can be found at [Emerson.com/Rosemount](https://www.emerson.com/Rosemount).

2.2 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).

2.3 Installing equipment 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.

2.4 USA

USA Hazardous Locations

Certificate: FM17US0175X

Standards: FM Class 3600:2011

FM Class 3610:2010

FM Class 3810:2005

ANSI/ISA 61010-1:2012

ANSI/ISA 60079-0:2013

ANSI/ISA 60079-11:2012

Markings Intrinsically Safe, Class I Division 1, Groups A, B, C, D;
T4 T_a = -20 °C to +50 °C Class 1, Zone 0, AEx ia IIC; T4 T_a
= -20 °C to +50 °C

Special Conditions for Safe Use (X):

Use only ENERGIZER E92/EN92 or DURACELL MN2400/PC2499 batteries.

USA Hazardous Locations

Certificate:	1282824
Standards:	CSA C22.2 No 0-10 CSA C22.2 No. 142-M1987 (R2009) CSA C22.2 No 157-M1992 (R2012) CSA C22.2 No 60079-0:11 CSA C22.2 No 60079-11:11 UL Standard 508, Seventeenth Edition UL 913, Eighth Edition UL 60079-0 Sixth Edition UL 60079-11 Sixth Edition
Markings:	Ex ia Class I Division 1 Groups A, B, C, D T4 Ex ia IIC T4

2.5 Canada

Canada Hazardous Locations


Certificate:	1282824
Standards:	CSA C22.2 No 0-10 CSA C22.2 No. 142-M1987 (R2009) CSA C22.2 No 157-M1992 (R2012) CSA C22.2 No 60079-0:11 CSA C22.2 No 60079-11:11 UL Standard 508, Seventeenth Edition UL 913, Eighth Edition UL 60079-0 Sixth Edition UL 60079-11 Sixth Edition
Markings:	Ex ia Class I Division 1 Groups A, B, C, D T4 Ex ia IIC T4

2.6 Europe

ATEX/UKEX Intrinsically Safe

ATEX Certificate:	Baseefa02ATEX0198
UKEX Certificate:	BAS21UKEX0389
Standards:	EN IEC 60079-0:2018

EN 60079-11:2012

Markings: II 1 G Ex ia IIC T4 Ga (-20 °C ≤ T_a ≤ +50 °C)

2.7 International

IECEx Intrinsically Safe

Certificate: IECEx BAS 13.0108**Standards:** IEC 60079-0:2017
IEC 60079-11:2011**Markings:** Ex ia IIC T4 Ga (-20 °C ≤ T_a ≤ +50 °C)

2.8 Brazil

Brazil Intrinsically Safe

Certificate: UL-BR 16.0235**Standards:** ABNT NBR IEC 60079-0:2013
ABNT NBR IEC 60079-11:2013**Markings:** Ex ia IIC T4 Ga (-20 °C ≤ T_a ≤ +50 °C)

3 Declaration of Conformity

No: 1113 Rev. D

EMERSON Declaration of Conformity **CE / UK CA**

We, **Rosemount Inc.**
6021 Innovation Blvd
Shakopee, MN 55379
USA

declare under our sole responsibility that the product,

Rosemount™ IRC – Infrared Remote Control

Authorized Representative in Europe:

Emerson S.R.L., company No. J12/88/2006, Emerson 4 street, Parcul Industrial Tetarom II, Cluj-Napoca 400638, Romania

Regulatory Compliance Shared Services Department
 Email: eurgeproductcompliance@emerson.com Phone: +40 374 132 035

For product compliance destination sales questions in Great Britain, contact Authorized Representative:

Emerson Process Management Limited at ukproductcompliance@emerson.com or +44 11 6282 23 64, Regulatory Compliance Department.

Emerson Process Management Limited, company No 00671801, Meridian East, Leicester LE19 1UX, United Kingdom

to which this declaration relates, is in conformity with:

- the relevant statutory requirements of Great Britain, including the latest amendments
- the provisions of the European Union Directives, including the latest amendments

[Signature] *Oct 17, 2022*

Mark Lee (name)	Vice President, Quality (function)	Boulder, CO, USA (place of issue)
--------------------	---------------------------------------	--------------------------------------

ATEX Notified Body for EU Type Examination Certificate:
 CSA Group Netherlands B.V. [Notified Body Number: 2813]
 Utrechtsveeg 310
 6812 AR ARNHEM
 Netherlands

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

UK Conformity Assessment Body for UK Type Examination Certificate:
 CSA Group Testing UK Ltd [Approved Body Number: 0516]
 Unit 6 Hawarden Industrial Park, Hawarden, CH5 3US
 United Kingdom

UK Approved Body for Quality Assurance:
 SGS Baseefa Ltd. [Approved Body Number: 1180]
 Rockhead Business Park, Staden Lane
 Buxton, Derbyshire. SK17 9RZ
 United Kingdom

No: 1113 Rev. D



Declaration of Conformity



EMC Directive (2014/30/EU)
Harmonized Standards:
EN 61326-1:2013

Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)
Designated Standards:
EN 61326-1:2013

RoHS Directive (2011/65/EU) Amended 2015/863
Harmonized Standards:
IEC 63000:2018

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012/3032)

Designated Standards:
IEC 63000:2018

ATEX Directive (2014/34/EU)

Rosemount IRC – Infrared Remote Control
Baseefa02ATEX0198 – Intrinsic Safe Certificate
Equipment Group II, Category 1 G Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +50°C)

Harmonized Standards:
EN 60079-0:2018
EN 60079-11:2012

Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 (S.I. 2016/1107)

Rosemount IRC – Infrared Remote Control
BAS21UKEX0389 – Intrinsic Safe Certificate
Equipment Group II, Category 1 G Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +50°C)

Designated Standards:
EN IEC 60079-0:2018
EN 60079-11:2012





Quick Start Guide
00825-0200-3581, Rev. AB
January 2023

For more information: [Emerson.com](https://www.emerson.com)

©2023 Emerson. All rights reserved.

Emerson Terms and Conditions of Sale are available upon request. The Emerson logo is a trademark and service mark of Emerson Electric Co. Rosemount is a mark of one of the Emerson family of companies. All other marks are the property of their respective owners.

ROSEMOUNT™

