






Approval Document: Rosemount™ Model 8785 Calibration Standard



Rosemount™ 8785 Calibration Standard

Approval Markings and Logos

Symbol	Marking or Symbol Name	Region	Meaning of Marking or Symbol
	CE	European Union	Compliance with all applicable European Union Directives.
	UKCA	UK	Compliance with all applicable UK Legislation.
	C-tick	Australia	Compliance with Australian applicable electromagnetic compatibility standards
	CSA	US = United States C = Canada	Indicates that the product was tested and has met the applicable certification requirements for the noted countries.
	Eurasian Conformity (EAC)	Eurasian Customs Union (Russia, Belarus, and Kazakhstan)	Compliance with all of the applicable technical regulations of the EAC Customs Union

A product designated for Ordinary Location may be marked with CE, UKCA, C-tick, CSA, and/or EAC logos.

European Directive and UK Statutory Regulation Information

The most recent revision of the EU Declaration of Conformity can be found at www.emerson.com.

Certifications

Canadian Standards Association (CSA) - Ordinary Location Certification:

The transmitter and flowtube have been examined and tested to determine that the design meets basic electrical, mechanical, and fire protection requirements by CSA, a nationally recognized testing laboratory (NRTL) as accredited by the Federal Occupational Safety and Health Administration (OSHA).

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT-Certified to US Standards

Name: 8785 Calibrator

Model(s): 8785 Calibration Standard, 8785 Manufacturing Calibrator

Electrical Rating: 85 V max, 2.0 A,

Ambient Temperature: +5°C to +40°C

Enclosure Rating: IP20

Altitude limits: Up to 13,000 feet (4000 meters)

Conditions of Acceptability:

1 The 8785 Calibration Standard and 8785 Manufacturing Calibrator are intended for use with only transmitter models 8782, 8732E, and 8712E transmitters.

2 The 8785 Calibration Standard and 8785 Manufacturing Calibrator are supplied with and approved for electrical connections with Cable P/N 08785-0507-0001 (Coil Cable) and 08785-0507-0002 (Electrode Cable).

Warning – Failure to follow these instructions could result in serious injury or death.

- The user shall ensure that the calibrator is properly grounded by connecting the black coil drive wire to coil shield terminal number 3 on the transmitter.
- The calibrator cannot be used in a hazardous location nor can it be connected to transmitters that are operating in a hazardous location. A safe work permit shall be issued prior to connecting the calibrator to an installed transmitter in a hazardous location. The safe work permit shall ensure that the user has taken the necessary steps to declassify the area as defined by the authority having jurisdiction for the installed transmitter.



Declaration of Conformity



We,

Emerson – Rosemount, Micro Motion Inc
 12001 Technology Drive
 Eden Prairie, MN 55344
 USA

declare under our sole responsibility that the product,
Rosemount™ Model 8785 Calibration Standard

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: europaeproductcompliance@emerson.com
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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:

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

 15 December 2022 Mark Fleigle Vice President, Engineering Eden Prairie, MN USA
 (signature and date of issue) (name) (function) (place of issue)

EMC Directive (2014/30/EU)

Harmonized Standards:
 EN 61326-1:2013

Low Voltage Directive (2014/35/EU)

All Models:
 Harmonized Standards:
 EN 61010-1:2010/A1:2019/AC:2019-04

RoHS Directive (2011/65/EU):

All models:
 Harmonized Standards:
 EN IEC 63000: 2018

Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)

Designated Standards:
 EN 61326-1:2013

Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101)

All Models:
 Designated Standards:
 EN 61010-1:2010/A1:2019/AC:2019-04

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 Statutory Instrument, SI No. 3032:

All models:
 Designated Standards:
 EN IEC 63000: 2018



For more information: www.emerson.com

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