

Rosemount™ 3490 Controller

Product Certifications



1 Product certifications

Rev 0.8

1.1 European directive information

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

1.2 Ordinary location certification

As standard, the Rosemount 3490 Controller 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).

Certificate FM23NUS0007X, FM23NCA0005X

Standards CAN/CSA-C22.2 No. 61010-1-12 (R2023), CSA C22.2 No.94.2:2020, CSA C22.2 No. 0.4:2017 (R2022), CSA C22.2 No. 0.5:2016 (R2020), FM3810:2021, ANSI/IEC 60529:2004, ANSI/UL 50E.2020, ANSI/UL 61010-1:2023

1.3 Environmental conditions

Table 1-1: Environmental Conditions (Ordinary Location and Low Voltage Directive (LVD))


Type	Description
Location	Indoor or outdoor use
Maximum altitude	6562 ft. (2000 m)
Overvoltage category	II
Ambient temperature	-40 to 140 °F (-40 to 60 °C)
Electrical supply	100-240 Vac 50/60 Hz
Mains supply voltage fluctuations	Vac -15% to +10%
Power consumption	Maximum 12 W
Pollution degree	2

1.4 Specific conditions of use


The Model 3490 Controller shall only be installed into areas where there is low risk of mechanical danger.

1.5 EU Declaration of Conformity

Figure 1-1: EU Declaration of Conformity



Declaration of Conformity



Rev. #2

We,

Rosemount Tank Radar AB
Layoutvägen 1
S-435 33 MÖLNLYCKE
Sweden

declare under our sole responsibility that the product,


Rosemount™ 3490 Controller

manufactured by,

Rosemount Tank Radar AB
Layoutvägen 1
S-435 33 MÖLNLYCKE
Sweden

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.

 <hr style="border: 0; border-top: 1px solid black;"/> <p>(signature)</p>	<p>Sr. Manager Product Approvals</p> <hr style="border: 0; border-top: 1px solid black;"/> <p>(function)</p>
<p>Dajana Prastalo</p> <hr style="border: 0; border-top: 1px solid black;"/> <p>(name)</p>	<p>10-Nov-23; Mölnlycke</p> <hr style="border: 0; border-top: 1px solid black;"/> <p>(date of issue & place)</p>

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Declaration of Conformity **CE**

EMC Directive (2014/30/EU)

Harmonized Standards: EN 61326-1:2013
Other Standards Used: IEC 61326-1:2020

Low Voltage Directive (2014/35/EU)

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

RoHS Directive (2011/65/EU)

Harmonized Standards: IEC 63000:2018



1.6 China RoHS

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

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

This table is proposed in accordance with the provision of SJ/T11364

本表格系依据 SJ/T11364 的规定而制作。

O: Indicate that said hazardous substance in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.

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。

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.

X: 意为在该部件所使用的的所有均质材料里，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。



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

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