



Declaration of Conformity



We,

Rosemount Tank Radar AB
Layoutvägen 1
S-43533 Mölnlycke
Sweden

declare under our sole responsibility that the product,

Rosemount™ 2120 Series Vibrating Fork Liquid Level Switch

manufactured by

Rosemount Tank Radar AB
Layoutvägen 1
S-43533 Mölnlycke
Sweden

to which this declaration relates, is in conformity with:

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

(signature)

2022-09-23, Mölnlycke

(date of issue & place)

Dajana Prastalo

(name)

Manager Product Approvals

(function)

ATEX Directive Notified Body:

CSA Group Netherlands B.V. [Notified Body Number: 2813]
 Utrechseweg 310, 6812 AR,
 Arnhem, Netherlands

ATEX Notified body for Quality Assurance:

DNV Nemko Presafe AS [Notified Body Number: 2460]
 Veritasveien 3
 1363 Høvik
 Norway

UKEX Conformity Assessment Body for UKEX Type Examination Certificates:

CSA Group Testing UK [Notified Body Number: 0518]
 Unit 6 Hawarden Industrial Park,
 Hawarden, CH5 3US
 United Kingdom

UK Notified Body for Quality Assurance:

DNV Business Assurance UK Ltd [Notified Body Number: 8501]
 4th Floor Vivo Building
 30 Stamford Street
 London. SE1 9LQ
 United Kingdom



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EMC Directive (2014/30/EU)

Rosemount 2120*K***** (Namur cassette)**

Harmonized Standards:

EN 61326-1:2013;
EN 61326-2-3:2013;
EN 60947-5-6:2001

Rosemount 2120*V***** (Relay Mains cassette)**

Rosemount 2120*G***** (PNP/PLC cassette)**

Rosemount 2120*H***** (8/16mA cassette)**

Harmonized Standards:

EN 61326-1:2013;
EN 61326-2-3:2013

Other Standards used:

EN61326-3-1 :2008

Rosemount 2120*E***** (Relay 12Vdc cassette)**

Rosemount 2120*T***** (Direct Load cassette)**

Harmonized Standards:

EN 61326-1:2013;
EN 61326-2-3:2013

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

Rosemount 2120*K***** (Namur cassette)**

Designated Standards:

EN 61326-1:2013;
EN 61326-2-3:2013;
EN 60947-5-6:2001

Rosemount 2120*V***** (Relay Mains cassette)**

Rosemount 2120*G***** (PNP/PLC cassette)**

Rosemount 2120*H***** (8/16mA cassette)**

Designated Standards:

EN 61326-1:2013;
EN 61326-2-3:2013

Other Standards used:

EN61326-3-1 :2008

Rosemount 2120*E***** (Relay 12Vdc cassette)**

Rosemount 2120*T***** (Direct Load cassette)**

Designated Standards:

EN 61326-1:2013;
EN 61326-2-3:2013

ATEX Directive (2014/34/EU)

Sira 05ATEX2130X – Intrinsically safe (Gas & Dust)

Rosemount 2120*K*I1***** (Namur cassette)**

Equipment Group II, Category 1GD

Ex ia IIC T5...T2 Ga

Ex ia IIIC T85°C...T265°C Da

Rosemount 2120*H*I1***** (8/16mA cassette)**

Equipment Group II, Category 1GD

Ex ia IIC T5...T2 Ga

Ex ia IIIC T200 85°C...T200 265°C Da (Metallic housings)

Ex ia IIIC T200 90°C...T200 265°C Da (Non-metallic housings)

Rosemount 2120*K*I8***** ; Rosemount 2120***K*I8*****R2364 (Namur cassette) ; Rosemount 2120***H*I8***** ; Rosemount 2120***H*I8*****R2634 (8/16mA cassette)**

Equipment Group II, Category 1/2G

Ex ib IIC T5...T2 Ga/Gb

Equipment Group II, Category 2D

Ex ib IIIC T85°C...T265°C Db

Harmonized Standards :

EN IEC 60079-0 :2018 ;
EN 60079-11 :2012,
EN 60079-26 :2015

Sira 05ATEX1129X – Flameproof

Rosemount 2120*E1X***** ; Rosemount 2120***E1S***** (All cassettes, M20 conduits)**

Equipment Group II, Category 1/2G

Ex db IIC T6...T2 Ga/Gb

Equipment Group II, Category 2D

Ex tb IIIC T85°C...T265°C Db

Harmonized Standards:

EN IEC 60079-0:2018/AC:2020;
EN 60079-1:2014/AC:2018;
EN 60079-26:2015;
EN 60079-31:2014

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

CSAE 21UKEX2282X – Intrinsically safe (Gas & Dust)

Rosemount 2120*K*I1***** (Namur cassette)**

Equipment Group II, Category 1GD

Ex ia IIC T5...T2 Ga

Ex ia IIIC T85°C...T265°C Da

Rosemount 2120*H*I1***** (8/16mA cassette)**

Equipment Group II, Category 1GD

Ex ia IIC T5...T2 Ga

Ex ia IIIC T200 85°C...T200 265°C Da (Metallic housings)

Ex ia IIIC T200 90°C...T200 265°C Da (Non-metallic housings)

Rosemount 2120*K*I8***** ; Rosemount 2120***K*I8*****R2364 (Namur cassette) ; Rosemount 2120***H*I8***** ; Rosemount 2120***H*I8*****R2634 (8/16mA cassette)**

Equipment Group II, Category 1/2G

Ex ib IIC T5...T2 Ga/Gb

Equipment Group II, Category 2D

Ex ib IIIC T85°C...T265°C Db

Designated Standards :

EN IEC 60079-0 :2018 ;
EN 60079-11 :2012,
EN 60079-26 :2015

CSAE 21UKEX1281X – Flameproof

Rosemount 2120*E1X***** ; Rosemount 2120***E1S***** (All cassettes, M20 conduits)**

Equipment Group II, Category 1/2G

Ex db IIC T6...T2 Ga/Gb

Equipment Group II, Category 2D

Ex tb IIIC T85°C...T265°C Db

Designated Standards:

EN IEC 60079-0:2018/AC:2020;
EN 60079-1:2014/AC:2018;
EN 60079-26:2015;
EN 60079-31:2014



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LV Directive (2014/35/EU)

Rosemount 2120*V***** (Relay Mains cassette)**

Rosemount 2120*T***** (Direct Load cassette)**

Harmonized Standards:

EN 61010-1:2010 + A1:2019 + AC:2019-04

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

Rosemount 2120*V***** (Relay Mains cassette)**

Rosemount 2120*T***** (Direct Load cassette)**

Designated Standards:

EN 61010-1:2010 + A1:2019 + AC:2019-04

RoHS Directive (2011/65/EU)

The Model 2120 is in conformity with Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The Model 2120 is in conformity with Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

(Minor variations in design to suit the application and/or mounting requirements are identified by alpha/numeric characters where indicated * above)

