

EU DECLARATION OF CONFORMITY

We: **Yokogawa Process Analyzers Europe B.V.**
Euroweg 2, 3825 HD Amersfoort
The Netherlands

Herewith declare under our sole responsibility that the product, model: **SX42**
further specified with model suffix- and option codes: **As listed in Annex-1**
is manufactured in accordance with the requirements for CE-marking of products as stated in EC Decision:

768/2008/EC on a common framework for the marketing of products

by applying the following standards:

EN-ISO 9001: 2015 Quality management systems - Requirements

Subject product (all suffix- and option codes) is:

- Produced according to appropriate quality control procedures.
- In compliance with the essential requirements of the specific product legislation:
 - **Pressure Equipment** **Directive 2014/68/EU**
by applying Article 4.3: Sound Engineering Practice
 - **RoHS** **Directive 2011/65/EU**
Commission Delegated Directive (EU) 2015/863 amending Annex II as regards the list of restricted substances, by applying the following standards:
EN-IEC 63000: 2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Subject product (all suffix- and option codes except codes explaining Tokuchu) is:

- In compliance with the essential requirements of the specific product legislation:
 - **Potentially explosive atmospheres** **Directive 2014/34/EU (ATEX)**
by applying the following standards:
EN 60079-0: 2018 Explosive atmospheres – Part 0: Equipment – General requirements
EN 60079-11: 2012 Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "I"
/IS 01: 2014

The provisions fulfilled are:  II 1 G Ex ia IIC T2...T6 Ga

Number of the EU-type Examination Certificate: **DEKRA 14 ATEX 0074 X** (issue 2)

Name of the notified body: DEKRA Certification B.V., Identification number of the notified body that issued the EU Quality Assurance Notification: 0344

Address of the notified body: Meander 1051, 6825 MJ Arnhem, The Netherlands

If applicable, the product is checked against the latest official released revision of the standards mentioned above; differences do not affect the certified product identified on this declaration.

The CE-mark has been affixed on the product in 2014 for the first time.

Amersfoort – November 14, 2022

S. Kiyono
General Manager
Yokogawa Process Analyzers Europe B.V.



UK DECLARATION OF CONFORMITY

We:

Manufacturer:
Yokogawa Process Analyzers Europe B.V.
Euroweg 2, 3825 HD Amersfoort
The Netherlands

Importer:
Yokogawa UK Ltd.
17 Stuart Road, Runcom WA7 1TR
United Kingdom

Herewith declare under our sole responsibility that the product, model: **SX42**
further specified with model suffix- and option codes: **As listed in Annex-1**
is manufactured/imported in accordance with the requirements for UKCA-marking of products by applying
the following standards:

EN-ISO 9001: 2015 Quality management systems - Requirements

Subject product (all suffix- and option codes) is:

- Produced according to appropriate quality control procedures.
- In compliance with the essential requirements of the specific product legislation:
 - **Pressure Equipment** **Pressure Equipment (Safety) Regulation 2016**
by applying Article 8: Sound Engineering Practice
 - **RoHS** **The Restriction of the Use of Certain Hazardous
Substances in Electrical and Electronic Equipment
Regulations 2012**

Subject product (all suffix- and option codes except codes explaining Tokuchu) is:

- In compliance with the essential requirements of the specific product legislation:
 - **Potentially explosive atmospheres** **Equipment and Protective Systems Intended for use in
Potentially Explosive Atmospheres Regulations 2016**

by applying the following standards:

EN 60079-0: 2018 Explosive atmospheres – Part 0: Equipment – General requirements

EN 60079-11: 2012 Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i"
/IS 01: 2014

The provisions fulfilled are:  II 1 G Ex ia IIC T2...T6 Ga

The following EU-type Examination Certificate is used to secure the conformity to Equipment and
Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016:

Number of the EU-type Examination Certificate: **DEKRA 14 ATEX 0074 X** (issue 2)

Name of the notified body: DEKRA Certification B.V., Identification number of the notified body that
issued the EU Quality Assurance Notification: 0344

Address of the notified body: Meander 1051, 6825 MJ Arnhem, The Netherlands

If applicable, the product is checked against the latest official released revision of the standards mentioned
above; differences do not affect the certified product identified on this declaration.

The UKCA-mark has been affixed on the product in 2022 for the first time.

Amersfoort – November 14, 2022

S. Kiyono
General Manager
Yokogawa Process Analyzers Europe B.V.



Annex-1

Model	Suffix Code	Option code	Description
SX42			High temperature conductivity sensor with Pt1000 sensor
	- SX24 - SX34 - ZZ24 - ZZ34		Cell constant 0.1/cm Cell constant 0.01/cm Tokuchu Tokuchu
	- BS - BV - NS - NV - DF - EF - AF - ZZ		ISO 7/1-R1 screw thread, plug-socket connector ISO 7/1-R1 screw thread, VarioPin connector with SENCOM ID-chip 1-11½ NPT screw thread, plug-socket connector 1-11½ NPT screw thread, VarioPin connector with SENCOM ID-chip DN50-PN63 EN flange DN50-PN40 EN flange 2" 600 LBS ANSI flange Tokuchu
Style	*A		Always *A style
Option		/ Z	Tokuchu

Model SX42 as Tokuchu is not ATEX/IECEx certified.