



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

Herewith declare under our sole responsibility that the product, model: **SC42**
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:

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 T3...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: **SC42** 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 T3...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
SC42			Conductivity Sensor 2- or 4- electrodes + Pt1000.
Materials	-E -S -F -T -Z		Epoxy / graphite. Stainless steel AISI 316L / PEEK. PVDF / Glass / Platinum. PTFE / Glass / Platinum. Tokuchu
Mounting	P V ¹⁾ Z		Plug-in type, plug-socket connector, IS for ATEX/IECEX/FM-US/FM-CAN /NEPSI /PESO /TS /EACEx Plug-in type, VarioPin connector with SENCOM ID-chip, IS for ATEX/IECEX/FM-US/FM-CAN /NEPSI /PESO /TS /EACEx Tokuchu
Cell constant	0 1 2 3		C = 10 cm ⁻¹ C = 1 cm ⁻¹ C = 0,1 cm ⁻¹ C = 0,01 cm ⁻¹
Type	4 5 6 8		2-electrode, flow cell. 2-electrode, insertion cell. 2-electrode, insertion cell with DN25 collar. 4-electrode, flow cell.
Options		/Z	Tokuchu

Model SC42 as Tokuchu is not ATEX/IECEX certified.

¹⁾ Suffix V not in combination with suffix -E (Epoxy/graphite), except -EV15.