



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: **SC42**
further specified with model suffix- and option codes: **As listed in Annex-1 in this document**,
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 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 – March 21, 2025

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