

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: **DO71**
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 is:

- Produced according to appropriate quality control procedures.
- In compliance with the essential requirements of the specific product legislation:

- **EMC**

Directive 2014/30/EU

EN 61326-1:2013

Electrical equipment for measurement, control and laboratory use
– EMC requirements – Part 1: General requirements.
Emission: Group 1, Class B (domestic establishments).
Immunity: Table 2 (for use in industrial environment).

EN 55011:2016
/A1:2017

Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics - Limits and methods of measurement.
Emission: Radiated emission up to 1 GHz (SAC).

- **LVD**

Directive 2014/35/EU

NEN-EN-IEC 61010-1:2010
/A1:2019; /C1:2019

Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements.

NEN-EN-IEC 61010-2-030:2010
/C1:2011

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits.

EN 60529:1991
/A1:2000; /A2:2013

Degrees of protection provided by enclosures (IP Code).

- **RoHS**

Directive 2011/65/EU

Commission Delegated Directive (EU) 2015/863 amending Annex II as regards the list of restricted substances, and by applying Annex IV as regards the application of sensors, detectors, and electrodes, 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.

The CE-mark has been affixed on the product in 2021 for the first time.

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.

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: **DO71** further specified with model suffix- and option codes: **As listed in Annex-1 in this document** 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 is:

- Produced according to appropriate quality control procedures.
- In compliance with the essential requirements of the specific product legislation:

- EMC**Electromagnetic Compatibility Regulations 2016****EN 61326-1:2013**

Electrical equipment for measurement, control and laboratory use
– EMC requirements – Part 1: General requirements.
Emission: Group 1, Class B (domestic establishments).
Immunity: Table 2 (for use in industrial environment).

**EN 55011:2016
/A1:2017**

Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics - Limits and methods of measurement.
Emission: Radiated emission up to 1 GHz (SAC).

- LVD**Electrical Equipment (Safety) Regulation 2016****NEN-EN-IEC 61010-1:2010
/A1:2019; /C1:2019**

Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements.

**NEN-EN-IEC 61010-2-030:2010
/C1:2011**

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits.

**EN 60529:1991
/A1:2000; /A2:2013**

Degrees of protection provided by enclosures (IP Code).

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

The UKCA-mark has been affixed on the product in 2021 for the first time.

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.

Amersfoort – November 14, 2022

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

Annex-1: DO71 Model code

Model	Suffix code	Option code	Description
DO71			Optical Dissolved Oxygen sensor
Range	-W		Wide range (0 – 22,5 mg/L)
Insert length	-106		106 mm
Type	-AA		General purpose
Connection type	-03 -05 -10 -20		Permanent cable, 3 meters Permanent cable, 5 meters Permanent cable, 10 meters Permanent cable, 20 meters
Region	-N		Non-specific
Oxygen Exchange Cap	-Y		DO71 OEC
Option			

Further specifications can be found in General Specification Sheet GS 12J06J01-00EN-(P).