

**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: **IB100**
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 (type AB and CB) is:

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

- **EMC**

Directive 2014/30/EU

by applying the following standards:

EN 61326-1: 2013

Electrical equipment for measurement, control and laboratory use
– EMC requirements – Part 1: General requirements: Class A, Table 2

EN 301 489-1 V2.1.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services
– Part 1: Common technical requirements.

EN 301 489-17 V3.1.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services
– Part 17: Specific conditions for broadband data transmission systems.

- **LVD**

Directive 2014/35/EU

by applying the following standards:

EN 61010-1: 2010

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

EN 62311: 2020

Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz)

- **RoHS**

Directive 2011/65/EU

Commission Delegated Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU 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.

Furthermore, subject product (type CB) 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: 2012

Explosive atmospheres – Part 0: Equipment – General requirements

(+A1: 2013)

EN 60079-11: 2012

Explosive atmospheres – Part 11: Equipment protection by intrinsic safety “i”

The provisions fulfilled are: II (1) G [Ex ia Ga] IIC

Number of the EU-type Examination Certificate: **FM16ATEX0110X**

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

The CE-mark has been affixed on the product in 2016 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: **IB100** 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 (type AB and CB) is:

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

- **EMC**

Electromagnetic Compatibility Regulations 2016

by applying the following standards:

- EN 61326-1: 2013** Electrical equipment for measurement, control and laboratory use
– EMC requirements – Part 1: General requirements: Class A, Table 2
- EN 301 489-1 V2.1.1** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services
– Part 1: Common technical requirements.
- EN 301 489-17 V3.1.1** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services
– Part 17: Specific conditions for broadband data transmission systems.

- **LVD**

Electrical Equipment (Safety) Regulation 2016

by applying the following standards:

- EN 61010-1: 2010** Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements.
- EN 62311: 2020** Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz)

- **RoHS**

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

Furthermore, subject product (type CB) 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: 2012** Explosive atmospheres – Part 0: Equipment – General requirements
(+A1: 2013)
- EN 60079-11: 2012** Explosive atmospheres – Part 11: Equipment protection by intrinsic safety “i”

The provisions fulfilled are: Ex II (1) G [Ex ia Ga] IIC

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: **FM16ATEX0110X**

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

The UKCA-mark has been affixed on the product in 2022 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

Model Code	Suffix Code	Option	Description
IB100			Interface box SENCOM with SPS24 software
Type	-AB -CB		General purpose for EU, USA, CAN, AUS/NZL, JPN, KOR, CHN Associated intrinsically safe for EU, USA, CAN, AUS/NZL
Options (*Note)		/CV2 /CS2	CABLE ASSY: 2m connection cable, WU11-M9-02-CN-V CABLE ASSY: 2m connection cable, WU11-M9-02-CN-S

Note:

- /CV2 is for use with sensor models FU20F/FU24F/SC25F; SPS24 SENCOM PC software install CD included
- /CS2 is for use with SENCOM Smart Adapter, model SA11

Further specifications can be found in General Specification Sheet GS 12B06J09-01E-E.