

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: **FU20**
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 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, 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.

Subject product (all suffix- and option codes except -T2 (Pt100) and 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 11 ATEX 0014 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

The CE-mark has been affixed on the product in 2012 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: **FU20**
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 (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 -T2 (Pt100) and 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 11 ATEX 0014 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**

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	Suffix Code	Option	Description
FU20			Wide Body sensor
Type	-03 -05 -10 -20 -VP -VS -ZZ		3 m cable 5 m cable 10 m cable 20 m cable } not available for -FTD, -FTS, -MTS No Cable; VarioPin connector No Cable; VarioPin connector with ID-chip Tokuchu
Temperature Sensor	-T1 -T2		Pt1000, IS for ATEX/IECEx Pt100 → not available for -VS, -FTD, -FTS, -MTS
Model	-NPT -FSM -FTD -FTS -MTS -ZZZ		PPS body / Tapered Thread / Dome shaped PPS body / Tapered Thread / Flat Surface PVDF body / Tapered Thread / Dome shaped PVDF body / Tapered Thread / Salt Sensitive membrane/ Silicone sealing PVDF body / Tapered Thread / Salt Sensitive membrane/ FFKM sealing Tokuchu
Options		/HCNF /FPS /NSS /NTI /BSS /BTI /Z	Complete Hastelloy cleaning system Adapter F*40 from PPO 1" NPT, SS316 1" NPT, Titanium 1" BSP, SS316 1" BSP, Titanium Tokuchu

Model FU20 with suffix code -T2 is not ATEX/IECEx certified.
 Model FU20 as Tokuchu is not ATEX/IECEx certified.

For suffix -NPT, -FSM, -FTD:
 further specifications can be found in General Specification Sheet GS12B06J03-00EN-P.

For suffix -FTS, -MTS:
 further specifications can be found in General Specification Sheet GS12B06J03-05EN-P.