EU DECLARATION OF CONFORMITY

We, Yokogawa Electric Corporation
2-9-32 Nakacho, Musashino-shi, Tokyo, 180-8750 Japan

declare under our sole responsibility that the Products identified as:

<table>
<thead>
<tr>
<th>Model code</th>
<th>Model name</th>
</tr>
</thead>
<tbody>
<tr>
<td>YTMX580</td>
<td>Multi-Input Temperature Transmitter</td>
</tr>
</tbody>
</table>

are further specified with model suffix and option codes:

As listed in General Specification: GS 04R01B01-01EN (Ed.9)
See Appendix 2 for additional information

are in compliance with the EU law and legislation providing for the CE-marking, as listed in Appendix 1.

Information relevant to the conformity and identification of these Products is provided in Appendix 2, Appendix 3 and Appendix 4.

Subject products are:
- Produced according to appropriate quality control procedure.
- Provided with the CE-marking as from 2011.

Signature:

(Manufacturer)
Tokyo, 6 June, 2017

Yasuhiro Yoshino
General Manager
Network Solutions Dept.
Product Business Center
IA Product and Service Business HQ
Yokogawa Electric Corporation

(Authorized Representative in the EEA)

Amersfoort, 9 June 2017

Herman van den Berg
President
Yokogawa Europe B.V.
Euroweg 2, 3825 HD Amersfoort,
P.O.Box 163, 3800 AD Amersfoort,
The Netherlands

YEF-HQ internal reference:
EU Doc. YTMX580

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1/7
Appendix 1

The products are built in compliance with requirements of the following EU Directives and Standards:

Model – Suffix / Option code structure:  **YTMX580 – b c d e f – g h – i j / x**  
(Distinctive combinations of suffix and option codes as indicated per table. Unless otherwise stated, it means that all defined code is relevant.)

<table>
<thead>
<tr>
<th>EU Directives</th>
<th>Standards</th>
</tr>
</thead>
</table>
| HEALTH & SAFETY (Article 3, 1. (a)) | **EN 61010-1:2010**  
Safety requirements for electrical equipment for measurement, control, and laboratory use –  
Part 1: General requirements  
**EN 61010-2-030:2010**  
Safety requirements for electrical equipment for measurement, control and laboratory use –  
Part 2-030: Particular requirements for testing and measuring and test  
**EN 62311: 2008**  
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz) |
| **EMC (Article 3, 1. (b))** | **EN 301 489-1 V.2.1.1**  
ElectroMagnetic compatibility (EMC) standard for radio equipment and services;  
**EN 301 489-17 V.3.1.1**  
ElectroMagnetic compatibility (EMC) standard for radio equipment and services;  
Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU  
**EN 61326-1:2013 Class A Table 2**  
Electrical equipment for measurement, control and laboratory use – EMC requirements –  
Part 1: General requirements  
**EN 61326-2-3:2013**  
Electrical equipment for measurement, control and laboratory use – EMC requirements –  
Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning  
**SPECTRUM (Article 3, 2.)**  
**EN 300 328 V.2.1.1**  
Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU |
| **2011/65/EU (RoHS)** | **EN 50581:2012**  
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |

*1: These standards are applied to the radio modem only.*

Yokogawa Electric Corporation  
2/7
Appendix 2

The following code is added to the model codes of the YTMX580 defined in the GS 04R01B01-01EN as the option to specify the customized specification of the YTMX580. The product with this option code is manufactured on the request of particular customers. Although this customized specification is to add the minor modification to the specification of YTMX580 defined in the GS 04R01B01-01EN, this modification does not affect to the CE-marking compliance of the YTMX580. The additional document for safe use is prepared and complements the standard manuals. This document is delivered with the product specified with relevant option code.

<table>
<thead>
<tr>
<th>Option code</th>
<th>Description</th>
<th>Additional Document No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>/S2</td>
<td>Change of the material of the enclosure</td>
<td>YTMX-S2E</td>
</tr>
</tbody>
</table>
The accessories in the list below have CE-marking significant compliance relevance, as indicated per EU-Directive; their application and use – as described in IM 04R01B01-01EN – is supported by this EU Declaration of Conformity. The full list of accessories for this product can be found in IM 04R01B01-01EN.

**Indications:**
- 'C' = The accessory conforms to the Directive as a part of the product.
- 'R' = The accessory is relevant to the conformity of the product as a part of the product.
- 'NS' = The accessory does not support the Directive.
- 'NR' = The accessory is not relevant to the conformity of the product.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Model Name</th>
<th>Description</th>
<th>Relevant EU Directives</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>RE</td>
</tr>
<tr>
<td>F9193DH</td>
<td>Antenna</td>
<td>+2dBi Remote Antenna</td>
<td>C</td>
</tr>
<tr>
<td>F9193UA</td>
<td></td>
<td>Antenna cable 1 m, Operational temperature range: -40 to +85 °C,</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>With remote antenna mounting bracket.</td>
<td></td>
</tr>
<tr>
<td>F9193UB</td>
<td></td>
<td>Antenna cable 3 m, Operational temperature range: -40 to +85 °C,</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>With remote antenna mounting bracket.</td>
<td></td>
</tr>
<tr>
<td>F9193UC</td>
<td>Remote antenna cable</td>
<td>Antenna cable 4 m (1 m+3 m) with arrestor, Operational temperature range: -40 to +85 °C, With remote antenna mounting bracket.</td>
<td>C</td>
</tr>
<tr>
<td>F9193UD</td>
<td></td>
<td>Antenna cable 6 m (3 m+3 m) with arrestor, Operational temperature range: -40 to +85 °C, With remote antenna mounting bracket.</td>
<td>C</td>
</tr>
<tr>
<td>F9193UE</td>
<td></td>
<td>Antenna cable 13 m (3 m+10 m) with arrestor, Operational temperature range: -40 to +85 °C, With remote antenna mounting bracket.</td>
<td>C</td>
</tr>
<tr>
<td>F9915NQ</td>
<td>Battery pack assembly</td>
<td>F9915NQ is a set of F9915MA and instruction manual of the battery pack. F9915MA consists of Battery case (F9915NK) and Lithium-thionyl chloride batteries (F9915NR) 2 pieces</td>
<td>C</td>
</tr>
<tr>
<td>F9915NK</td>
<td>Battery case only</td>
<td>F9915NK is a set of F9915NS (Battery case itself) and instruction manual.</td>
<td>R</td>
</tr>
<tr>
<td>B8808DE</td>
<td>Front door part</td>
<td>Front door Gasket, 1 piece</td>
<td>NR</td>
</tr>
<tr>
<td>B8808DM</td>
<td></td>
<td>Front door Bolt Cap (Long) , 1 piece</td>
<td>NR</td>
</tr>
<tr>
<td>B8808DN</td>
<td></td>
<td>Front door Bolt Cap (Short) , 1 piece</td>
<td>NR</td>
</tr>
<tr>
<td>B8808EM</td>
<td></td>
<td>Front door Bolt SUS316, 1 piece</td>
<td>NR</td>
</tr>
</tbody>
</table>

(To be continued to the next page)
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<thead>
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<th>Model Name</th>
<th>Description</th>
<th>Relevant EU Directives</th>
</tr>
</thead>
<tbody>
<tr>
<td>X010-050-1</td>
<td>Shunt register</td>
<td>50Ω ± 0.1%, for 4 mm screw terminals, Operational temperature range: -25 to +60°C</td>
<td>NR C NR</td>
</tr>
<tr>
<td>YTMXBPA2</td>
<td>Blind plug for electrical connection</td>
<td>---</td>
<td>NR C NR</td>
</tr>
<tr>
<td>F9900GL</td>
<td></td>
<td>---</td>
<td>NR C NR</td>
</tr>
<tr>
<td>F9900GK</td>
<td></td>
<td>---</td>
<td>NR C NR</td>
</tr>
<tr>
<td>IM04R01B01-01EN</td>
<td>User’s Manual</td>
<td>---</td>
<td>R R R</td>
</tr>
<tr>
<td>IM YTMX-S2E</td>
<td>User’s Manual</td>
<td>Dedicated manual for /S2</td>
<td>R R R</td>
</tr>
</tbody>
</table>

*1: The accessory indicated with ‘C’ is intended for incorporation into the product which conforms to the ATEX Directive. This accessory is attested the conformity to ATEX Directive by using accordance with the instruction of the product.

*2: These accessories are according to EN 60079-11 ‘Simple Apparatus’ and excluded in DEKRA 12ATEX0068 X, but - in case connected to the YTMX580 - in scope of this EU Declaration of Conformity covering the total configuration for all intended applications.

*3: This is only for the product with option code: /S2.
Appendix 4

External View of YTMX580

Image of Nameplate
(Typical example; details may differ)

Without /KS27:

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5/7
With /KS27:

Battery type:

```
MULTI-INPUT TEMPERATURE TRANSMITTER

MODEL YTMX580  STYLE S2.00
SUFFIX -L72NL-AA-AA/4KS27/X2/FC1

SUPPLY --- VDC --- Wmax
NO 91K90189S 324

DATE OF MANUFACTURE 2017-05-23
YOKOGAWA Made in Japan
Yokogawa Electric Corporation

TOKYO 150-0050 JAPAN

Contains FCC ID : SGJ-WFC001
Contains IC : 89999A-WIC001
This device complies with Part 15 of the FCC Rules. Operation is subject to
the following two conditions: (1) this device may not cause harmful
interference, and (2) this device must accept any interference received,
including interference that may cause undesired operation
This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme
NMB-003 du Canada.

WARNING
WARNING - POTENTIAL ELECTROSTATIC
CHARGE HAZARD - SEE USER S MANUAL.
USE ONLY BATTERY PACK YOKOGAWA
F9915MA OR F9919NS.
```

24 VDC type:

```
MULTI-INPUT TEMPERATURE TRANSMITTER

MODEL YTMX580  STYLE S2.00
SUFFIX -L72NL-BA-AA/4KS27/X2/FC1

SUPPLY 24 VDC 1.2 Wmax
NO 91K60189S 324

DATE OF MANUFACTURE 2017-05-23
YOKOGAWA Made in Japan
Yokogawa Electric Corporation

TOKYO 150-0050 JAPAN

Contains FCC ID : SGJ-WFC001
Contains IC : 89999A-WIC001
This device complies with Part 15 of the FCC Rules. Operation is subject to
the following two conditions: (1) this device may not cause harmful
interference, and (2) this device must accept any interference received,
including interference that may cause undesired operation
This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme
NMB-003 du Canada.

WARNING
WARNING - POTENTIAL ELECTROSTATIC
CHARGE HAZARD - SEE USER S MANUAL.
USE ONLY BATTERY PACK YOKOGAWA
F9915MA OR F9919NS.
```