

**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 with:

Model Code	Model Name
<b>EJX118B</b>	<b>Diaphragm Sealed Differential Pressure Transmitter</b>

as part of Product Family: **DPharp**  
further specified with suffix- and option-codes:

**As listed in General Specification: GS 01C27H01-01EN (Ed.15)**  
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 procedures.
- Provided with the CE-marking as from **2010**.

Signature:

(Manufacturer)

Tokyo, 6 June, 2017



Ryo Kurosawa  
Product Manager  
Field Instruments Dept.  
Product Business Center  
IA Product and Service Business HQ  
Yokogawa Electric Corporation

(Authorized Representative in the EEA)

Amersfoort,

16 June 2017



Herman van den Berg  
President  
Yokogawa Europe B.V.  
Euroweg 2, 3825 HD Amersfoort,  
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The Netherlands

YEF-HQ internal reference:  
EU DoC: EJX118B

## Appendix 1

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

Model – Suffix / Option code structure:

**EJX118B** – bcdef – ghijk – lmnopqrs – tuvw / x

Transmitter body section      
 Diaphragm seal section


(Distinctive combinations of suffix and option codes are indicated per table. Unless otherwise stated, it means that the all defined code is relevant.)

EU Directive	Standards
<b>2014/53/EU</b> (RE)	<b>HEALTH &amp; SAFETY (Article 3, 1. (a)):</b> <b>EN 62311:2008</b> *1 <b>EN 61010-1:2010</b> <b>EN 61010-2-030:2010</b> <b>EMC (Article 3, 1 (b)):</b> <b>EN 301 489-1 V.2.1.1</b> <b>EN 301 489-17 V.3.1.1</b> <b>EN 61326-1:2013</b> Class A, Table 2 <b>EN 61326-2-3:2013</b> <b>SPECTRUM (Article 3, 2):</b> <b>EN 300 328 V.2.1.1</b> *1

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

EU Directive	Standards
<b>2014/68/EU</b> (PED)	<b>Sound Engineering Practice</b>

EU Directive	Standards
<b>2011/65/EU</b> (RoHS)	<b>EN 50581:2012</b>

EU Directive	Standards	/Option
<b>2014/34/EU</b> (ATEX)	<b>Intrinsically safe type (Ex ia)</b> *1 <b>EN 60079-0:2012+A11:2013</b> <b>EN 60079-11:2012</b>  <b>II 1 G Ex ia IIC T4 Ga</b> The Number of the EC Type-Examination Certificate: <b>KEMA 10ATEX0164 X</b>	x = <b>KS27</b> .
EC Type Examination Certificate listed above and Quality Assurance Notification are issued by: The Name of the Notified Body: <b>DEKRA Certification B.V.</b> The Identification Number of the Notified Body: <b>0344</b> The Address of the Notified Body: <b>Meander 1051 6825 MJ Arnhem, The Netherlands</b> The Number of Quality Assurance Notification: <b>DEKRA 11ATEXQ0127</b>		

\*1: The listed standards have been compared to the standards EN 60079-0: 2012, EN 60079-11: 2012 and EN 60079-26: 2007 used for certification purposes, but no clauses containing changes in state-of-art apply to these products.

## Appendix 2

In case the Product model code contains the code "Z", it means that the Product is produced with a customer specific modification. Any such Product - in case produced after the date of signing this document by the Manufacturer - is also in scope of this EU-Declaration of Conformity. The code "Z"- specific application notes and Serial Numbers of Products subject to this modification are listed in a dedicated document, of which original is a part of the Technical Documentation. A copy of that document is accompanying each product at delivery.

**Note:** RoHS compliance of products with customer specific modifications will be excluded until June 30, 2017.

## Appendix 3

The accessories in the list below have CE-marking significant compliance relevance; the full list of accessories for this product and references to documents containing instruction for safe use can be found in **IM 01C27B01-01EN**.

**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.

Model No.	Model Name	Description	Relevant EU Directives		
			RE	RoHS	ATEX <sup>*1</sup>
F9915NQ	Battery pack assembly	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	C	C	C
F9915KU	Remote antenna cable	3 m with mounting bracket	C	C	C <sup>*2</sup>
F9915KV		13 m (3 m+10 m), with arrester and mounting bracket	C	C	C <sup>*2</sup>
F9915KW	Antenna	2 dBi standard antenna	C	C	C <sup>*2</sup>
F9915KX		0 dBi antenna	C	C	C <sup>*2</sup>
F9915KY		6 dBi high gain antenna	C	C	C <sup>*2</sup>
IM 01C27B01-01EN	User's Manual	---	R	R	R

\*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 KEMA 10ATEX0164 X, but - in case connected to the EJX110B - in scope of this EU Declaration of Conformity covering the total configuration for all intended applications.

**Appendix 4**

External view of EJX118B



Image of Product name plate  
(Typical example; details may differ)

**Non Explosion Protected type**

<b>DPHarp TRANSMITTER</b>		<b>CAL RING</b>	0 TO 100		kPa	<b>CE</b>	
<b>MODEL</b>	EJX118B	<b>STYLE</b>	S1				
<b>SUFFIX</b>	-LMSCG-98JDN					⚠ Read/Lisez IM 01C27H01-01	
	-WA12B1SW00-BA2A						
<b>SUPPLY</b>	---	<b>VDC</b>	=		⚠		
<b>OUTPUT</b>	---	<b>mA DC</b>	=	<b>NO.</b>	91T632446	723	7
<b>MWP</b>	---						
<b>YOKOGAWA</b>		Made in Japan Yokogawa Electric Corporation TOKYO 180-8750 JAPAN					

**Explosion Protected type (with /KS27)**

<b>DPHarp TRANSMITTER</b>		<b>CAL RING</b>	0 TO 100		kPa	<b>CE</b>	
<b>MODEL</b>	EJX118B	<b>STYLE</b>	S1				
<b>SUFFIX</b>	-LMSCG-98JDN					⚠ Read/Lisez IM 01C27H01-01	
	-WA12B1SW00-BA2A/KS27						
<b>SUPPLY</b>	---	<b>VDC</b>	=		⚠		
<b>OUTPUT</b>	---	<b>mA DC</b>	=	<b>NO.</b>	91T632447	723	7
<b>MWP</b>	---						
<b>YOKOGAWA</b>		Made in Japan Yokogawa Electric Corporation TOKYO 180-8750 JAPAN					

KS27	<b>CE</b> 0344	<b>Ex</b> II 1G	No. KEMA 10ATEX0164 X Ex Ia IC T4 Ga ENCLOSURE: IP66/IP67 Tamb: -50 TO 70°C MAX PROCESS TEMP: 120°C
<b>WARNING</b> ⚠ POTENTIAL ELECTROSTATIC CHARGING HAZARD - SECURE DISTANCE OF 100MM FROM ANTENNA. USE ONLY BATTERY PACK YOKOGAWA F9915MA OR F9915NS. POTENTIAL ELECTROSTATIC CHARGING HAZARD - SEE USER'S MANUAL.			

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