

EC DECLARATION OF CONFORMITY

We **Yokogawa Electric Corporation**
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Our authorized representative in Europe
Yokogawa Europe B.V.
Euroweg 2, 3825 HD Amersfoort,
P.O. Box 163, 3800 AD Amersfoort,
The Netherlands

declare under our sole responsibility that the product

GD400 Series **Gas Density Analyzer**
(See Appendix 1 for the detailed type designation)

to which this declaration relates is in conformity with the following standards or other normative documents:

EN 61326-1: 2006 Class A, Table 2 (For use in industrial locations)

Electrical equipment for measurement, control and laboratory use – EMC requirements-
Part 1: General requirements

EN 61326-2-3: 2006

Electrical equipment for measurement, control and laboratory use – EMC requirements -
Part 2-3: Particular requirements – Test configurations, operational conditions and performance
criteria for transducers with integrated or remote signal conditioning

EN 61000-3-2: 2006 +A1: 2009

Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3: 2008


Limitation of voltage fluctuation and flicker in low-voltage supply systems for equipment
with rated current ≤ 16 A

following the provisions of EMC directive 2004/108/EC.

Subject products are manufactured and tested according to appropriate quality control
procedures.

Tokyo, 15 June, 2011

Signature:



Masahiko Takahashi
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Appendix 1

Type Designation of GD400 Series (Converter)

Model	Suffix Code		Description
GD400G			Gas density meter
GD410G			Gas calorimeter
GD420G			Hydrogen purity meter
GD400S			Gas density meter
GD410S			Gas calorimeter
GD420S			Hydrogen purity meter
Explosion proof standard	-J		General purpose
	-N		JIS explosion-proof
Power supply	-10		100-240V AC Power
	-11		24V DC Power
	-N		Always "N" (except GD420G, GD420S)
	-1		Hydrogen purity Meter
	-2		Replacement Meter
	-3		Hydrogen purity · Replacement Meter
Label and approval	-J		Japanese approval Label
	-E		English approval Label

Model	Suffix Code		Description
GD402G			General purpose model
GD402T			FM certified explosion-proof model
GD402V			CSA certified explosion-proof model
GD402R			TIIS certified explosion proof model
Power supply	-D		24V DC power
	-A		100-240V AC power
Label and approval	-E		English label
	-J		TIIS approval, English label (only GD402R)
Instruction manual	-E		English

Type Designation of GD400 Series (Detector)

Model	Suffix Code		Description
GD300S			Explosion-proof detector
GD320S			
Explosion-proof standard	-J		JIS standard
Label approval		-J	Japanese approval label
		-E	English approval label

Model	Suffix Code		Description
GD40G			General purpose detector
GD40R			TIIS certified explosion proof detector
GD40T			FM certified explosion-proof detector
GD40V			CSA certified explosion-proof detector
Label approval		-E	English label, no approval
		-J	TIIS approval, English label

Note: The conformity of all types listed here is declared according to the Technical Documentation (No. EEN027-A00 Rev. 4)