

CERTIFICATE OF COMPLIANCE



EL Class I

Date of issue: 17 June 2025

Valid until: 31 December 2026

EHEDG hereby declares that the product
pressure sensors, type PG17xx, PG27xx, PGU7xx, Plx7xx, PM17xx, PY17xx, PY279x
with ceramic cell and PTFE gasket

from

ifm electronic gmbh, Friedrichstrasse 1 , 45128 Essen, Germany

has/have been evaluated for compliance and meets/meet the current criteria for
Hygienic Equipment Design of closed process applications of the EHEDG

Certificate No. EHEDG-C2500026

Signed _____ *Hein Timmerman* President EHEDG

Signed _____ *Karlijn Faber* EHEDG Certification Officer

EHEDG
Karspeldreef 8
1101 CJ Amsterdam
Netherlands

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APPENDIX 3

EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 12.05.2025

EHEDG File Number: EHEDG-R2500041

Certification Type: EL CLASS I

Applicant: ifm electronic gmbh

Equipment: pressure sensors, type PG17xx, PG27xx, PGU7xx, Plx7xx, PM17xx, PY17xx, PY279x with ceramic cell and PTFE gasket

Other essential identification: together with Aseptoflex Vario process adapter for G1" sensors and EPDM O-ring or PEEK sealing ring

Evaluated by:

Name: Dr. Jürgen Hofmann

Date, Signature: 28.05.2025

Approved by:

Name: Kiichiro Saito

Date, Signature: 04.06.2025

The use of the EHEDG Certification logo is justified based on the results of the design evaluation, inspection, and testing (as applicable) of the equipment for compliance with the current EHEDG Hygienic Design Criteria (HDC):

Criteria	Certification for use in Closed Processes
☐	The equipment complies with all applicable HDC in the Guidelines.
☒	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2.
☐	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2, in-place sterilisability test method according to EHEDG Doc. 5, and bacteria tightness test according to EHEDG Doc. 7 for EL ASEPTIC Certification.
Criteria	Certification for use in Open Processes
☐	The equipment complies with all applicable HDC in the Guidelines.
☐	Evidence for compliance required and provided by OPC cleanability test method according to EHEDG Doc. 57.

APPENDIX 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG Certification Logo for equipment
3.	Appendix 1: Equipment intended for cleaning-in-place with liquids without dismantling
4.	Appendix 2: conditions for use of the EHEDG Certification Logo
5.	Appendix 3: Equipment evaluation form
6.	Evaluation report of the design of the pressure sensors, type PG17xx, PG27xx, PGU7xx, Plx7xx, PM17xx, PY17xx, PY279x with ceramic cell and PTFE gasket, no. 208.1TUM2025
7.	Drawings of the pressure sensors, type PG17xx, PG27xx, PGU7xx, Plx7xx, PM17xx, PY17xx, PY279x with ceramic cell and PTFE gasket, drawing nos 111643499 (page 1), 1251942 (page 1-3); original stamped
8.	Test report of the in-place cleanability test method according to Doc. 2, Test no. 154/15.01.2008 and 208/21.09.2009.
9.	Cleaning and Installation manual no. 11601190 supplied by the manufacturer
10.	Example of EHEDG Certified Logo Type EL CLASS I



**Zusatzinformationen bereitgestellt durch ifm
electronic gmbh**

Additional information by ifm electronic gmbh

**Informations complémentaires fournies par ifm
electronic gmbh**

ifm electronic gmbh

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45128 Essen
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Das EHEDG-Zertifikat
The EHEDG certificate
Le certificat EHEDG

EHEDG-C2500026

gilt für folgende Kombinationen aus Sensor, Dichtung und Prozessadapter:
is valid for the following combinations of sensor, gasket and process adapter:
s'applique aux combinaisons suivantes de capteurs, de joints d'étanchéité et d'adaptateurs process:

• Sensor / Sensor / Capteur

PG1703	PG2733	PGU703	PI1703	PI2714	PIU703	PM1703	PY1705
PG1704	PG2734	PGU704	PI1704	PI2715	PIU704	PM1704	PY1707
PG1705	PG2735	PGU705	PI1705	PI2717	PIU705	PM1705	PY1709
PG1706	PG2736	PGU706	PI1706	PI2789	PIU706	PM1706	PY1717
PG1707	PG2737	PGU707	PI1707	PI2793	PIU707	PM1707	PY1718
PG1708	PG2738	PGU708	PI1708	PI2794	PIU708	PM1708	PY1726
PG1709	PG2739	PGU709	PI1709	PI2795	PIU709	PM1709	PY1728
PG1714	PG2744	PGU714	PI1714	PI2796	PIU714	PM1714	PY1789
PG1715	PG2749	PGU715	PI1715	PI2797	PIU715	PM1715	PY2793
PG1717	PG2789	PGU717	PI1717	PI2798	PIU717	PM1717	PY2794
PG1743	PG2793	PGU743	PI1718	PI2799	PIU718	PM1718	PY2795
	PG2794		PI1743		PIU789	PM1743	
	PG2795		PI1789			PM1789	
	PG2796						
	PG2797						
	PG2798						
	PG2799						

• Dichtung / Gasket / Joint d'étanchéité

E30054	EPDM	im Lieferumfang des Sensors enthalten included in the scope of delivery of the sensor fourni avec le capteur
E30124	PEEK	



**Zusatzinformationen bereitgestellt durch ifm
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Additional information by ifm electronic gmbh

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- Adapter / Adapter / Adaptateur

Einschweißen Welding Soudage	Rohrverschraubung Pipe fitting Raccord pour tuyaux		Varivent	Klemmverbindung Clamp connection Autoserrant
	DIN11864-1	DIN11864-3		
E30130	E33302	E33243	E33228	E33208
E30149	E33304	E33308	E33229	E33209
E30157		E33309		
E30501				
E30528				
E30529				
E30531				