CERTIFICATE OF COMPLIANCE

EL Class I

Date of issue: 20 March 2023

Valid until: 31 December 2025

EHEDG hereby declares that the product

Micropilot (O)FMR6x(B) and (O)FMR4x(B) with integrated PEEK antenna, EPDM O ring and thread connection M24

from

Endress+Hauser SE+Co.KG, Hauptstrasse 1 , 79689 Maulburg, Germany

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

Certificate No. EHEDG-C2300020

Signed _____ *President EHEDG*
Hein Timmerman

Signed _____ *EHEDG Certification Officer*
Karlijn Faber

EHEDG
Karspeldreef 8
1101 CJ Amsterdam
Netherlands

Appendix 3

EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 09.11.2022
EHEDG File Number: EHEDG-C2200075
Certification Type: EL CLASS I

Applicant: **Endress+Hauser SE+Co. KG, 79689 Maulburg, Germany**

Equipment: Micropilot (O)FMR6x(B) and (O)FMR4x(B) with integrated PEEK antenna, EPDM O-ring and thread connection M24

Other essential identification:

Evaluated by:

Name: Dr. Nicolas ROSSI

Approved by:

Name : Alan Friis

Title: AEO,

Date, Signature: __23/03 2023_____

1. Results of inspection for compliance with the EHEDG Hygienic Design Criteria. Conclusion: **The equipment complies with the criteria.** **The use of the EHEDG Certification logo is justified:**	YES MAYBE	☐ ☑
2. Evidence for compliance provided and convincing for Certification. Conclusion: **The equipment complies with the criteria where possible.** **The use of the EHEDG Certification logo is justified:**	YES	☑

Signature: N ROSSI

Date: 13.03.2023

The original of this form will be kept by EHEDG together with the application, the inspection report, the evidence provided and any other relevant documentation, as listed on the back.

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 Micropilot (O)FMR6x(B) and (O)FMR4x(B) with integrated PEEK antenna, EPDM O-ring and thread connection M24, no. IN 401- Rev HE v1- 22.12.21
7.	Test report no. 002ACT2019
8.	Drawings of the Micropilot (O)FMR6x(B) and (O)FMR4x(B) with integrated PEEK antenna, EPDM O-ring and thread connection M24, drawing no. 961006706 A original stamped
9.	Cleaning and Installation manual provided by the equipment supplier

Appendix 3

Installation and Cleaning

- Instructions provided containing information regarding easy cleanable installation.
- Pipe connections provided are in accordance with the EHEDG position paper for accepted couplings with the use of special gaskets specified as applicable (available on the EHEDG website www.ehedg.org).
- Cleaning is done together with the CIP of the pipeline or tank.

Adhesives, Lubricants and Signal transfer liquids

- No adhesives, signal transfer liquids are used in the sensor construction where they can come into contact with the product.
- A lubricant (not in contact with food) is required, the Unisikon L 250 L grade H1 is proposed.

Results of the EHEDG test method

- The in-place cleanability test method has proven that the these Micropilot (O)FMR6x(B) and (O)FMR4x(B) with integrated PEEK antenna, EPDM O-ring and thread connection M24 is easy to clean. There were no problems in cleaning the product contact surfaces and the joints of the sensor. The cleanability was comparable to the degree of cleanability of the reference pipe. These Micropilot (O)FMR6x(B) and (O)FMR4x(B) with integrated PEEK antenna, EPDM O-ring and thread connection M24 has a comparable product contact area design with the whole range.

Conclusion

The Hygienic Design Criteria Evaluation Report concludes that these Micropilot (O)FMR6x(B) and (O)FMR4x(B) with integrated PEEK antenna, EPDM O-ring and thread connection M24 comply with the applicable EHEDG Hygienic Design Criteria for Hygienic Equipment Class I and the use of the EHEDG Certified logo Type EL CLASS I is justified.

Dr.-Ing. N. ROSSI
19.12.2022