



EL Class I

Date of issue: 24 April 2025

Valid until: 31 December 2026

EHEDG hereby declares that the product

thermometer series item, types TM311, OTM311, TMR35, OTMR35, TM37x, TM40x, TM41x; thermowells, types TT41x, neck version TE411 with compression fitting type TK40 with PEEK or silicone sealing, tee and elbow thermowells; temperature switch Thermophant, type TTR35 and flow switch Flowphant, type DTT35

from

Endress+Hauser Wetzler GmbH + Co. KG, Obere Wank 1 , 87484 Nesselwang, 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-C2500015

Signed _____ President EHEDG
Hein Timmerman

Signed _____ EHEDG Certification Officer
Karlijn Faber

***EHEDG
Karspeldreef 8
1101 CJ Amsterdam
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APPENDIX 3 EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 18.12.2024

EHEDG File Number: EHEDG-R2400082

Certification Type: EL CLASS I

Applicant: Endress+Hauser Wetzler GmbH+Co.KG

Equipment: thermometer series item, types TM311, OTM311, TMR35, OTMR35, TM37x, TM40x, TM41x; thermowells, types TT41x, neck version TE411 with compression fitting type TK40 with PEEK or silicone sealing, tee and elbow thermowells; temperature switch Thermophant, type TTR35 and flow switch Flowphant, type DTT35

Other essential identification: tee and elbow sizes: DN25, DN32, OD26.9, OD 33.7, 1", 1 1/2"

Evaluated by:

Name: Dr. Jürgen Hofmann

Date, Signature: 07.04.2025

Approved by:

Name: Dr. Nicolas Rossi

Date, Signature: 07.04.2025

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
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input checked="" type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2.
<input type="checkbox"/>	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
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input type="checkbox"/>	Evidence for compliance required and provided by OPC cleanability test method according to EHEDG Doc. 57.

The original of this form will be kept by EHEDG together with the application, the evaluation 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 thermometer series item, types TM311, OTM311, TMR35, OTMR35, TM37x, TM40x, TM41x; thermowells, types TT41x, neck version TE411 with compression fitting type TK40 with PEEK or silicone sealing, tee and elbow thermowells; temperature switch Thermophant, type TTR35 and flow switch Flowphant, type DTT35, no. 500TUM2025
7.	Drawings of the thermometer series item, types TM311, OTM311, TMR35, OTMR35, TM37x, TM40x, TM41x; thermowells, types TT41x, neck version TE411 with compression fitting type TK40 with PEEK or silicone sealing, tee and elbow thermowells; temperature switch Thermophant, type TTR35 and flow switch Flowphant, type DTT35, drawing nos. DRW 004838-xxxxx (page 1-3), DRW 00838-xxxxx, DRW 001485-xxxxx, 211025247, DRW 000976-xxxxx, DRW001488-xxxxx, DRW 001115-xxxxx, 961008307; original stamped
8.	Test report of the in-place cleanability test method according to Doc. 2, Test no. 500.1+500.2/23.04.2015.
9.	Cleaning and Installation manual no. BA02023T/09/EN/01.20 supplied by the manufacturer
10.	Example of EHEDG Certified Logo Type EL CLASS I