

Declaration of Compliance

Company Endress + Hauser Flowtec AG, Christoph Merian – Ring 4, CH - 4153 Reinach, Switzerland

being the manufacturer, declares that the following process-wetted parts used in

Product Prowirl D, R and F

product	Prowirl 200, 7D2C**-;, 7R2C**-;, 7F2C**-;		
product contact part	material group	material	applicable to order code options
DSC sensor	metal	stainless steel 1.4404/316/316L	feature 060: options: AA, BA, CA
measuring tube	metal	stainless steel 1.4408/CF3M	
process connection	metal	stainless steel 1.4404/316/316L	
gasket	plastic	PTFE (Gylon 3504)	feature 061: option: C

are in conformity with following Chinese Regulations where applicable:

Regulations	GB 4806.1-2016	General Safety Requirements for Food Contact Materials and Products
	GB 9685-2016	Standard for Uses of Additives in Food Contact Materials and Articles
	GB 4806.9-2023	Food Contact Metal Materials and Products
	GB 4806.7-2023	Food Contact Plastic Materials and Articles

Traceability of product in accordance with Regulation GB 31603-2015 is assured by means of serial number on sensor.

Conditions For use in accordance with product specifications.

Specifications for intended use or limitations:

- All type of food
- Repeated use
- Condition of use: $T_M \leq 260\text{ }^\circ\text{C}$, < 1h,

Information of Use (provided by the client)

Contact Food	Use Condition	Use S/V	Cleaning Requirement
All type of foods	$\leq 260\text{ }^\circ\text{C}$, < 1h, repeated use	Unknown	Before use, the product shall be cleaned with water.

No primary aromatic amines were detected after migration.

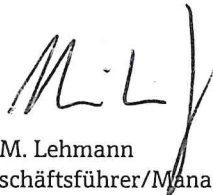
Non-intentionally added substances (NIAS):

To the best of our knowledge, no NIAS are present in the product. Furthermore, our evaluation shows no production processes that add or yield not regulated substances or NIAS in a relevant and/or harmful amount. However, we cannot rule out the presence of NIAS in principle.

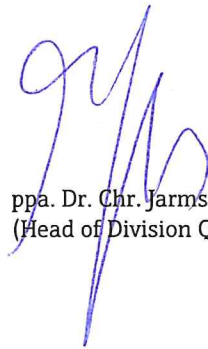
This is to emphasize that the customer is obliged to verify the suitability of our products with regard to the intended application.

This declaration of compliance is only valid for standard products in their delivery status produced before December 31st, 2027

Reinach, 01.12.2025
Endress+Hauser Flowtec AG



Dr. M. Lehmann
(Geschäftsführer/Managing Director)



ppa. Dr. Chr. Jarms
(Head of Division QM)

Annex I:

The following tables reflect the test conditions and assessment for 1.4408/CF3M, 1.4404/316L as used in Prowirl D, R and F. Resource of restrictions and requirements is GB 4806.9-2023.

Stainless steel 不銹鋼**Physicochemical index**

test of metal impurities	limit mg/kg	assessment	methods and conditions for verifying compliance
Arsenic (As)	≤0.002	pass	Test method GB 31604.49-2023 5g/l citric acid, 100°C, 2h, 3 rd time, tested ratio of food contact surface to mass of food: 6 dm ² /kg
Cadmium (Cd)	≤0.002	pass	
Lead (Pb)	≤0.01	pass	
Antimony (Sb)	≤0.04	pass	

test of alloy components	limit mg/kg	assessment	methods and conditions for verifying compliance
Aluminium (Al)	≤1	pass	Test method GB 31604.49-2023 5g/l citric acid, 100°C, 2h, 3 rd time, tested ratio of food contact surface to mass of food: 6 dm ² /kg
Chromium (Cr)	≤0.25	pass	
Cobalt (Co)	≤0.02	pass	
Copper (Cu)	≤4	pass	
Manganese (Mn)	≤2.0	pass	
Molybdenum (Mo)	≤0.12	pass	
Nickel (Ni)	≤0.14	pass	
Tin (Sn)	≤100	pass	
Zinc (Zn)	≤5	pass	

Annex II:

Gaskets

Gaskets supplied with the product are supplied by 3rd party.

In lack of a Declaration of Compliance from supplier, Endress+Hauser Flowtec AG has carried out migration tests for these parts according to following conditions.

PTFE 聚四氟乙烯

Physicochemical index

test	limit mg/kg	assessment	test requirement source	methods and conditions for verifying compliance
overall migration, mg/dm ²				
4% (v/v) acetic acid, 100°C, 4h, 3rd time	≤10	pass	GB 4806.7- 2023	test method GB 31604.8-2021
10% (v/v) ethanol, reflux temp., 4h, 3rd time	≤10	pass		
95% (v/v) ethanol 60°C, 6h, 3rd time	≤10	pass		
isooctane, 60°C, 2h, 1 st time	≤10	pass		
quantity of KMnO4 consumed, mg/kg				
water, 60°C, 2h, 1st time	≤10	pass	GB 4806.7- 2023	test method GB 31604.2-2016
heavy metal (as Pb), mg/kg				
4% (v/v) acetic acid, 60°C, 2h, 1st time	≤1	pass	GB 4806.7- 2023	test method GB 31604.9-2016, 1st method
decolor test				
scrubbed by 4%(v/v) acetic acid	negative	pass	GB 4806.7- 2023	test method GB 31604.7-2023
scrubbed by 10% (v/v) ethanol	negative	pass		
decolor test (scrubbed by coconut oil)	negative	pass		
The food simulant	negative	pass		