

# Konformitätserklärung Declaration of Compliance

**Company** Endress+Hauser Flowtec AG, Kaegenstrasse 7, 4153 Reinach BL1, Switzerland

being the manufacturer, declares that the following materials used in

**Product** Promass S, P

Promass 80/83 S

| material group | material   | product contact part | applicable to order code options          |
|----------------|--|----------------------|---|
| Metal          | stainless steel<br>1.4539/904L                       | measuring tubes      | feature 010:<br>options: A, C, H, K, P, R |
| Metal          | stainless steel<br>1.4404/316/316L or<br>1.4435/316L | process connections  | feature 020:<br>options: all except 999   |

Promass 80/83 P

| material group | material   | product contact part | applicable to order code options                      |
|----------------|--|----------------------|---|
| metal          | stainless steel<br>1.4435/316L                       | measuring tubes      | feature 010:<br>options: A, C, H, K, P, R, 6,<br>7, 8 |
| metal          | stainless steel<br>1.4404/316/316L or<br>1.4435/316L | process connections  | feature 020:<br>options: all except 999               |

Promass S, P 100/300/500

| material group | material   | product contact part | applicable to order code options                   |
|----------------|--|----------------------|--|
| metal          | stainless steel<br>1.4435/316L                       | measuring tubes      | feature 060:<br>options: SB, BB, BC, BD, TD,<br>TG |
| metal          | stainless steel<br>1.4404/316/316L or<br>1.4435/316L | process connections  | feature 070:<br>options: all except 999            |

are in conformity with following Chinese Regulations where applicable:

## Regulations

Products comply with GB 4806.1-2016 "National Food Safety Standard: General Safety Requirements for Food Contact Materials and Products", GB 9685-2016 "National Food Safety Standard: Standard for Uses of Additives in Food Contact Materials and Articles" and GB 4806.9 National Food Safety Standard: Food Contact Metal Materials and Products", for the relevant requirements of this product.

**Conditions** For use in accordance with product specifications.

**Specifications for intended use or limitations:**

The material is suitable for the use in applications with the following type of food:  
All kinds of food (Aqueous, acidic, alcoholic, lacteal, fatty and oily food)

Duration and temperature of treatment and storage for contact with food:

Repeated use:  $T_M = 205\text{ °C}$

Relation of surface in contact with food and volume, the conformity of the material or articles is based upon:


For each component different, hence consideration on product range.

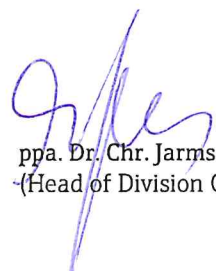
**Simulants and test conditions:** see Annex for details

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

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 conformity is only valid for standard products in their delivery status produced before December 31st, 2025

Reinach, 01.11.2023  
Endress+Hauser Flowtec AG

  
Dr. M. Lehmann  
(Managing Director)

  
ppa. Dr. Chr. Jarms  
(Head of Division Quality Management)

**Annex I:**

The following table reflects the test requirement and assessment for 1.4539/904L, 1.4404/316/316L and 1.4435/316L as used in Promass S and P.

Physicochemical index

| Test                      | Limit mg/kg | Assessment | Test requirement source | Methods and conditions for verifying compliance  |
|---------------------------|-------------|------------|-------------------------|--|
| Migration of heavy metals |             |            | GB 4806.9-2016          | Test method GB 31604.49-2016<br>4% (v/v) acetic acid boiled for 30 min, then room temperature for 24h. |
| Arsenic (As)              | ≤0.04       | Pass       |                         |  |
| Cadmium (Cd)              | ≤0.02       | Pass       |                         |  |
| Lead (Pb)                 | ≤0.05       | Pass       |                         |  |
| Chromium (Cr)             | ≤2.0        | Pass       |                         |  |
| Nickel (Ni)               | ≤0.5        | Pass       |                         |  |