# Declaration of Compliance

Endress+Hauser
People for Process Automation

**Company** **Endress+Hauser Wetzer GmbH+Co. KG, Obere Wank 1, 87484 Nesselwang**

being the manufacturer, declares that the “Product contact materials“ of the products

**Product** TM311, TM371, TM372, TM401, TM402, TM411, TM412, TT411, TT412, TE411, TK40 TMR35, TTR35, DTT35

| Material | Order codes | Product contact parts |
|---|---|---|
| 316L | TM311: 030:<br>A0, A3, G1, G2, G3, G4, G5, G7, B2, B3, B4, B5, C1, C2, D1, D2, D3, E1, E2, E3, E4, H1, H2, J1, J2, J3, KA, K1, L1, L2, L3, N1, N2, N3, UA, UB, UC, UD, UE, U0, U1, U2, U3, U4, U5, U6, U7, U8, VA, VB, VC, VD, VE, V0, V1, V2, V3, V4, V5, V6, V7, V8<br>TM371: 030:<br>A0, A3, B1, B2, B3, B4, B5, C1, C2, D1, D2, D3, D4, D5, E1, E2, E3, E4, F1, F2, H1, H2, J1, J2, J3, KA, K1, L1, L2, L3, M1, M3, N1, N2, N3, Q1, Q2, Q3, UA, UB, UC, UD, UE, U0, U1, U2, U3, U4, U5, U6, U7, U8, VA, VB, VC, VD, VE, V0, V1, V2, V3, V4, V5, V6, V7, V8<br>TM372: 030:<br>A0, B1, B2, B3, C2, D1, D2, D3, D4, D5, J1, J2, J3, L1, L2, L3, U6, U7, U8, V6, V7, V8<br>TM401: 040:<br>A0, A3, A4, A6, C1, C2, D1, D2, D3, E1, E2, E3, E4, H1, H2, J1, J2, J3, L2, L3, N1, N2, N3<br>TM402: 030:<br>C2, D1, D2, D3, J1, J2, J3, L2, L3 | Process connection, Thermowell |

| | | |
|---|---|---|
| 316L | TM411: 050:<br>A0, A3, B1, B2, B3, B4, B5, C1, C2, D1, D2, D3, D4, D5, E1, E2, E3, E4, F1, F2, H1, H2, J1, J2, J3, KA, K1, L1, L2, L3, M1, M3, N1, N2, N3, Q1, Q2, Q3, UA, UB, UC, UD, UE, U0, U1, U2, U3, U4, U5, U6, U7, U8, VA, VB, VC, VD, VE, V0, V1, V2, V3, V4, V5, V6, V7, V8<br>TM412: 040:<br>A0, B1, B2, B3, C2, D1, D2, D3, D4, D5, J1, J2, J3, L1, L2, L3, U6, U7, U8, V6, V7, V8TT411: 050:<br>A0, B1, B2, B3, B4, B5, C1, C2, D1, D2, D3, D4, D5, E1, E2, E3, E4, F1, F2, H1, H2, J1, J2, J3, KA, K1, L1, L2, L3, M1, M3, N1, N2, N3, Q1, Q2, Q3, UA, UB, UC, UD, UE, U0, U1, U2, U3, U4, U5, U6, U7, U8, VA, VB, VC, VD, VE, V0, V1, V2, V3, V4, V5, V6, V7, V8<br>TT412: 040:<br>B1, B2, B3, C2, D1, D2, D3, D4, D5, J1, J2, J3, L1, L2, L3, U6, U7, U8, V6, V7, V8<br>TE411: 520:<br>C6<br>TK40: 050:<br>C<br>TMR35: 050:<br>AB, AC, AD, DB, DL, DM, DP, HL, KA, LB, LL, MB, PG, PH, PL<br>TTR35: 070:<br>DB, DL, DP, HL, LB, LL, MB, PG, PH, PL<br>DTT35: 070:<br>DB, DL, HL, LB, LL, MB, PG, PH, PL | Process connection, Thermowell |

are in conformity with following Chinese Regulations:

**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 4806.9-2023 "National Food Safety Standard: Food Contact Metal Materials and Products", for the relevant requirements of this product.

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

**Specifications for intended use or limitations:**
Type of food or procedures the material is suitable for:
All kinds of food (Aqueous, acid, alcoholic, lacteal, fatty and oily food)

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

Repeated use: TM = 240 °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 emphasis that the customer is obliged to test the products with regard to its suitability in the application. This declaration of compliance is exclusively valid for the listed products in delivery status and the validity of this document expires 3 years after the date of issue.

Nesselwang, 24.10.2024
Endress+Hauser Wetzer GmbH+Co.KG

ppa. Harald Müller
Director Technology

i.V. Bernd Kunert
Head of Division Quality Management

***Annex I:***

*Content of metal impurities*

| Test | Restriction and Requirement | Assessment | Requirement source | Test Method |
|---|---|---|---|---|
| Arsenic (As), % | ≤0.01 | Pass | GB 4806.9-2023 | Q/DPTC-ZL-3-F-348 |
| Cadmium (Cd), % | ≤0.01 | Pass | | |
| Lead (Pb), % | ≤0.01 | Pass | | |

*Physicochemical index*

| Test | Restriction and Requirement | Assessment | Requirement source | Test Method, Test condition |
|---|---|---|---|---|
| Migration of metal impurities | | | GB 4806.9-2023 | GB 31604.49-2023 2nd chapter 1st method |
| Arsenic (As), mg/kg | ≤0.002 | Pass | | |
| Cadmium (Cd), mg/kg | ≤0.002 | Pass | | |
| Lead (Pb), mg/kg | ≤0.01 | Pass | | |
| Antimony (Sb), mg/kg | ≤0.04 | Pass | | |

*Physicochemical index*

| Test | Restriction and Requirement | Assessment | Requirement source | Test Method, Test condition |
|---|---|---|---|---|
| Migration of alloy components | | | GB 4806.9-2023 | GB 31604.49-2023 2nd chapter 1st method |
| Chromium (Cr), mg/kg | ≤0.25 | Pass | | |
| Manganese (Mn), mg/kg | ≤2.0 | Pass | | |
| Molybdenum (Mo), mg/kg | ≤0.12 | Pass | | |
| Nickel (Ni), mg/kg | ≤0.14 | Pass | | |