# **Declaration of Compliance**



Company

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Endress+Hauser (Suzhou) Automation Instrumentation Co., Ltd., No.491 SuHong Zhong Road,

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being the manufacturer, declares that the following materials used in

**Product** 

Deltabar S FMD78, PMD75 Deltabar FMD72, FMD77 Deltabar M PMD55 Cerabar S PMP71

Cerabar M PMP51, PMP55

Cerabar PMP23
Deltapilot S FMB70

Deltapilot M FMB50, FMB51, FMB52

**Ceraphant PTP33B** 

Group	Material	Product contact part
Metal	Stainless steel	Process Connections, Membrane
Metal	Alloy	Membrane

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 4806.9-2016 National Food Safety Standard: Food Contact Metal Materials and Products ". Traceability of product in accordance with Regulation GB 31603-2015 is assured by means of serial number on sensor.

## Conditions

#### **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:  $TM = 135 \,^{\circ}C$
- 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 I for details.

This is to emphasize that the customer is obliged to test the products with respect to its suitability in the application. This declaration of compliance is exclusively valid for the listed products in delivery status. The validity of this document for placing the product on the market expires 3 years after the date of issue.

HE 01110 02.19

# **Declaration of Compliance**



Maulburg, 03.06.2019 Endress+Hauser SE+Co. KG

i.A. Dr. Armin Hummelbrumm Group Leader Product Safety Research & Development Platform

#### Annex I:

Sensory index

Test item (s)	Test Result	Assessment	Test Method
Sensory index			-
Sensory	Comply	Pass	GB 4806.9-2016
The food simulant	Comply	Pass	GB 4806.9-2016

Physicochemical index - Stainless steel

Test	Limit mg/kg	Assessment	Test Method and test condition
Migration of heavy metals			
Arsenic (As)	≤0.04	Pass	GB 31604.49-2016
Cadmium (Cd)	≤0.02	Pass	GD 3100 1.13 2010
Lead (Pb)	≤0.05	Pass	4% (v/v) acetic acid boiled for 30
Chromium (Cr)	≤2.0	Pass	min, then room temperature for
Nickel (Ni)	≤0.5	Pass	24 hours

Physicochemical index - Alloy

1 Hybrid Circumcur 1 Hidy			
Test	Limit mg/kg	Assessment	Test Method and test condition
Migration of heavy metals			
Arsenic (As)	≤0.04	Pass	Test method GB 31604.49-2016
Cadmium (Cd)	≤0.02	Pass	
Lead (Pb)	≤0.2	Pass	5 g/L citric acid, 100°C, 24h

Test	Limit mg/kg	Assessment	Test Method and test condition
Migration of heavy metals			
Arsenic (As)	≤0.04	Pass	Test method GB 31604.49-2016
Cadmium (Cd)	≤0.02	Pass	
Lead (Pb)	≤0.2	Pass	Artificial tap water, 100°C, 24h

Testing Reports from DPTC, Changzhou FCM1920823; FCM1920817; FCM1920822; FCM1920816; FCM1920815; FCM1920821

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