



Microwave Moisture Probe for use in food production



Characteristical Features

- Effordless changing of measuring head on-site
- High scanning speed to guarantee exact measurement
- High temperature stability (0-80°C)
- Deep penetrating measurement
- Smallest dimensions through latest electronic components
- Universal installation possibilities
- For use in food production in accordance with the EC Regulation Nr.1935/2004 and the LFGB.



Application fields

In several concrete based industries, chemical, pharmaceutical, food and agriculture industries and many more

**Exchangeable
measuring head**

Technical Data

Power Supply	+ 24 V DC (± 25%)
Outputs (analog)	2 x 0-20 mA
Power Consumption	1,5 Watt
Frequency	433,92 MHz
Temperature Range	0-80° C
Cable Connection	5 x 0,25 mm ² shielded (foil shield) L: 2 mtr., Miniature Round Connector, 5-pole, male
Dimensions	∅: 75 mm; Aggregate Probe: L: 90 mm
Weight	1,6 kg
Cover	Stainless Steel, IP 68 Type 1.4404

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20 October 2006
Dr. Dr/le-ml/hu

UNBEDENKLICHKEITSERKLÄRUNG
CERTIFICATE OF CONFORMITY
CERTIFICAT DE CONFORMITE

eingetragen
registered no.
registré

23683 U 06

für Firma
for Messrs
pour MM

Franz Ludwig Gesellschaft für Mess- und Regeltechnik mbH,
Mainz-Gonsenheim/Germany

Produkt
Product
Produit

Microwave-Humidity measuring probe

The product manufactured by the company mentioned above is used for measuring humidity of bulk foodstuffs.

It was examined by us according to the

"Methoden zur Untersuchung von Bedarfsgegenständen, Grundregeln für die Ermittlung der Migration in Prüflebensmittel", entsprechend der Vorschrift Nr. 80.30, 1 - 3 (EG) in der Amtlichen Sammlung von Untersuchungsverfahren nach § 64 des Lebensmittel- und Futtermittelgesetzbuchs - LFGB, Stand vom Juni 2004,

("Methods for the examination of consumer goods, basic rules for the determination of the migration into food simulants", according to the standard no. 80.30, 1 - 3 (EC) within the Official Collection of Testing Methods according to § 64 of the Foodstuffs and Animal Feed Code - LFGB, state of June 2004),

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Die Veröffentlichung von Ergebnissen unserer Arbeiten und Gutachten sowie die Verwendung für Werbezwecke bedürfen – auch auszugsweise – unserer schriftlichen Genehmigung.
Erfüllungsort und Gerichtsstand Aschaffenburg

as well as of the

Series of standards EN 1186, EN 13130 and CEN/TS 14234 „Materials and Articles in Contact with Foodstuffs - Plastics“, current state,

and the

Series of standards EN 1388, „Materials and Articles in Contact with Foodstuffs – Silicate surfaces“, current state,

for the migration behaviour.

The product is in compliance with the rules of the

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union No. L 338/4 of 13.11.2004,

as well as of the

Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch (Lebensmittel- und Futtermittelgesetzbuch - LFGB) vom 1. September 2005 in der ab 25. April 2006 geltenden Fassung, Stand vom 1. Mai 2006, §§ 30 und 31,

(Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and Animal Feed Code - LFGB) of 1 September 2005 in the version valid as of 25 April 2006, state of 1 May 2006, §§ 30 and 31),

and meets the demands of the

Bedarfsgegenständeverordnung, die die Umsetzung der Richtlinien 90/128/EWG und 2002/72/EG mit ihren aktuellen Ergänzungen in nationales Recht darstellt, Tag der Ausgabe: 15. April 1992, in der Fassung der Bekanntmachung vom 23. Dezember 1997, zuletzt geändert am 30. Mai 2006, Stand vom Juni 2006,

(Decree on Consumer Goods, representing the conversion of the Directives 90/128/EEC and 2002/72/EC and their consecutive amendments into national law, Bundesgesetzblatt no. 20, date of issue: 15 April 1992, in the version of the communication of 23 December 1997, last modification of 30 May 2006, state of June 2006),

with regard to the migration behaviour.

Thus the Microwave-Humidity measuring probe according to the sample material submitted may be used safely for measuring humidity of bulk foodstuffs and may stand in direct contact with them.

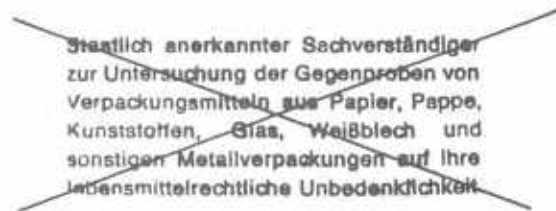
This certificate of conformity has a validity of 2 years. It consists of 4 pages.

Staatlich anerkannter Sachverständiger
zur Untersuchung der Gegenproben von
Verpackungsmitteln aus Papier, Pappe,
Kunststoffen, Glas, Weißblech und
sonstigen Metallverpackungen auf ihre
Lebensmittelrelevante Unbedenklichkeit.

(Burkardt)
Officially certified
and registered food
chemist



The translation of the above stamps is given on page 4.
La traduction des estampilles est donnée en page 4.



Dr. Ralph Derra

Authorized expert for the analyses of packaging materials, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse des matériaux d'emballage, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

State registered expert for the analysis of contrasting samples of packaging materials of paper, board, plastics, glass, tin plate and other metallic packing materials as to their suitability for use with foodstuffs.

Expert public pour l'étude du control des contre-échantillons d'emballages de papier, cartons, plastiques, verre, fer-blanc et d'autres emballages métalliques concernant leur conformité alimentaire.



Dr. Ralph Derra

Authorized expert for the analyses of soil and air, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse du sol et de l'air, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

Die Rücklagen des untersuchten Materials werden bei der Gutachterstelle verwahrt.
A file sample of the tested material is kept at the expert's office.
Réserve du matériel analysé est gardée au bureau de l'expert.