



"Made to Measure" Process Instrumentation for Pressure and Temperature Measurement in the Food, Pharmaceutical, Bio-Technology, Chemical, Petro-Chemical, Power, Environmental and Maritime Industries.

## Manufacturer's Declaration

Application of EU directives and regulations

HE\_100

Manufacturer

**LABOM Mess- und Regeltechnik GmbH  
Im Gewerbepark 13, 27798 Hude**

The following EU directives are applied for LABOM products. The application of a relevant directive is indicated, as required, by a CE-marking.

### **ATEX Directive 2014/34/EU**

For electrical measurement devices:

CE marking and EU type examination certificate after inspection by a notified body.

Applied harmonized standards: EN 60079 and EN 1127-1

For mechanical measurement devices:

CE marking after filing of documents at a notified body.

Applied harmonized standards: EN 13463 und EN 1127-1

Production Quality Assessment Notification: TÜV 00 ATEX 1582 Q by TÜV Nord, No. 0044

### **Pressure Equipment Directive (PED) 2014/68/EU**

Pressure measuring devices up to 200 bar and inline diaphragm seals up to DN25 are designed and produced per article 4, paragraph 3 in accordance with "sound engineering practice". Therefore these devices do not require a CE marking. The essential safety requirements per Annex 1 are met.

Devices above 200 bar and inline diaphragm seals from DN25 on are categorized in category I to IV depending on their hazardousness and receive a CE marking. They are regarded as pressure accessories. The following conformity assessments are applied:

- per module A for category I equipment,
- per module H for category III equipment
- per module B + D for category IV equipment

Safety accessories (pressure switches) per article 2, section 4 are always categorized in category IV and receive an EU type examination certificate.

Certificate of Quality system per PED: 07 202 1321 Z 0042/12/01+02 by TÜV Nord, No.: 0045

### **EMC directive 2014/30/EU**

CE marking on the basis of the company's own declaration

Applied harmonized standards: EN 61326

### **Low Voltage Directive (LVD) 2104/35/EU**

CE marking on the basis of the company's own declaration for devices with a supply voltage from 75 VDV resp. 50 VAC



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### **RoHS Directive 2011/65/EU**

CE marking on the basis of the company's own declaration

Applied harmonized standard: EN 50581

### **WEEE Directive 2012/19/EU**

LABOM devices are usually parts of large-scale stationary industrial tools or large-scale fixed installations and therefore do not fall under the scope of the WEEE Directive. Therefore this directive is not applied.

The following EC regulations are applied for LABOM devices.

### **Regulation (EC) No 1935/2004 Materials and articles intended to come into contact with food**

Components in contact with medium are – if not described otherwise in the datasheet – made out of stainless steel and are all-welded. The used materials (1.4404, 14435 and 1.4571) are especially applicable for the use in food production and therefore fulfil the general requirements per Art.3 of the Regulation (EC) No. 1935/2004.

If devices for use in hygienic applications are supplied with elastomer sealing, the sealing complies with FDA 21 CFR 177.2600.

### **Regulation (EC) No 2023/2006 Good manufacturing practice for materials and articles intended to come into contact with food**

Products ordered with option "HY" for hygienic applications fulfil the requirements of Regulation 2023/2006.

### **Regulation (EC) No 1907/2006 (REACH)**

LABOM products do not contain any

- CMR substances (carcinogenic, mutagenic, toxic for reproduction, categories 1 or 2),
- PBT substances (persistent, bio accumulative, toxic),
- vPvB substances (very persistent, very bio accumulative)

above 0.1 mass-% per product. Therefore LABOM products are not subject to registration per the REACH Regulation.

Hude, 19.07.2017  
LABOM Mess- und Regeltechnik GmbH

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R & D Manager