



"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)

According to REACH, LABOM is a downstream user. Hence, LABOM is not obliged to register its products. LABOM complies with the information obligations imposed by article 33 in case any products include components containing a substance of the SVHC list („Substances of very high concern“) with more than 0.1%. The information is based on statements of our suppliers.

Hude, 02.01.2019
LABOM Mess- und Regeltechnik GmbH

A handwritten signature in blue ink that reads "T Köster".

ppa. Dr. T. Köster
R & D Manager