TÜV Industrie Service GmbH Niederlassung Stuttgart Abteilung Anlagensicherheit Druckbehälteranlagen Gottlieb-Daimler-Str. 7 70794 Filderstadt



# Certificate for level sensors

Level sensors with flange or screwed part without pressure-bearing housings are not subject to the Pressure Equipment Directive (independent of the height of the max. permissible pressure).

#### Reason:

The definition for pressure accessories is (article 2, paragraph 5 of the directive 2014/68/EU):

"Pressure accessories means devices with an operational function and having pressure-bearing housings."

If a device is not equipped with a pressure-bearing housing (no own, identifiable pressure room), no pressure accessory according to the directive exists.

### The following level sensors of VEGA Grieshaber KG are concerned:

Capacitive electrodes: VEGACAL series 62, 63, 64, 65, 66, 67, 69

Capacitive level switches: VEGACAP series 27, 35, 61, 62, 63, 64, 65, 66, 67, 69, 98

VEGAPOINT series 11, 21, 23, 24, 31

Conductive electrodes: series EL 1, EL 3, EL 4, EL 6, EL 8

Conductive compact level switches: VEGAKON series 61, 63, 66

Ultrasonic sensors: VEGASON series 61, 62, 63

Radar sensors: VEGAPULS series C11, C21, C22, C23,

11, 21, 31

42, 61, 62, 63, 64, 65, 66, 68,

6X

Microwave sensors: VEGAFLEX series 81, 82, 83, 86

Vibrating level switches VEGAVIB series 61, 62, 63

for solids:

VEGAWAVE 61, 62, 63

TÜV Industrie Service GmbH Niederlassung Stuttgart Abteilung Anlagensicherheit Druckbehälteranlagen Gottlieb-Daimler-Str. 7 70794 Filderstadt



Vibrating level switches VEGASWING series 51, 53, 61, 63, 66

for liquids:

Microwave barrier VEGAMIP series R61, T61

### Note:

Sensors which are part of a safety equipment to protect a pipeline or a vessel against exceeding of the permissible limits (safety accessory acc. to the Pressure Equipment Directive 2014/68/EU, Art. 2 para. 4) should be treated separately.

## Example:

Sensor monitors the maximum permissible pressure of a vessel and triggers a pressure relief valve via a corresponding circuit if the limit value is exceeded

TÜV SÜD Industrie Service GmbH is a Notified Body according to the Pressure Equipment Directive.

Stuttgart, the 16<sup>th</sup> of June 2023 IS-AN3-STG

TÜV SÜD Industrie Service GmbH Abteilung Anlagensicherheit The Expert

Dipl.-Ing. John