

# VEGASWING 63

## Vibrating Level Switch w/ Tube Extension



### OVERVIEW

The VEGASWING 63 is used as a universal vibrating level switch for all liquids. Independent of the mounting position, it detects reliably with millimetre accuracy the limit level. The instrument can be used as empty or full detector, as approved overfill protection, dry run protection or pump protection in vessels. The position of the switching point is determined via the tube extension.

The VEGASWING 63 offers maximum reliability and safety in a wide application range.

### FEATURES

- Minimum time and cost expenditure due to simple setup without medium
- Precise and reliable function due to product-independent switching point
- Low maintenance costs

# VEGASWING 63 SPECIFICATIONS

## Technical Data

<b>Process Pressure</b>	-1 to +64 bar / -100 to +6400 kPa (-14.5 to +928 psig) The function of the instrument is ensured up to an operating pressure of 100 bar/10000 kPa (1450 psig) at a maximum process temperature of +50 °C (+122 °F) (only with threaded versions).
<b>Process Temperature</b>	-50 to +250 °C (-58 to +482 °F)
<b>Viscosity - dynamic</b>	0.1 to 10000 mPa s
<b>Density</b>	0.7 to 2.5 g/cm <sup>3</sup> (0.025 to 0.09 lbs/in <sup>3</sup> ) 0.5 to 2.5 g/cm <sup>3</sup> (0.018 to 0.09 lbs/in <sup>3</sup> ) by switching over
<b>Ambient Temperature</b>	40 to +70 °C (-40 to +158 °F)
<b>Hysteresis</b>	approx. 2 mm (0.08 in) with vertical installation
<b>Process Fitting</b>	Threads from G $\frac{3}{4}$ , $\frac{3}{4}$ NPT, flanges from DN 25, 1", hygienic fittings

## Electrical

<b>Operating Voltage</b>	20 to 253 V AC, 50/60 Hz; 20 to 72 V DC
<b>Power Consumption</b>	1 to 8 VA (AC), approximately 1.5 W (DC)
<b>Switching Voltage</b>	max. 253 V AC/DC
<b>Switching Current</b>	max. 3 A AC (cos phi > 0,9), 1 A DC
<b>Breaking Capacity</b>	min. 50 mW, max. 750 VA AC, 40 W DC (with U < 40 V DC)

## Materials

<b>Wetted Parts</b>	Stainless Steel 316L
<b>Display</b>	LCD in dot matrix
<b>Process Seal</b>	Klingsil C-4400
<b>Housing</b>	Plastic, Stainless Steel, Aluminum
<b>Protection Ratings</b>	Up to IP67

## Approvals

<b>SIL Qualification</b>	Optionally up to SIL 2
<b>Ship Approval</b>	GL, LRS, ABS
<b>Hazardous</b>	ATEX, FM, CSA, IEC